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1938 SEED CATALOG

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**DANISH
SEED COMPANY**

CHRIS MOSBERG

14 GLENWOOD AVE. N.
MINNEAPOLIS, MINN.

Phone Geneva 3401

Danish Seed Company

SEED ANNUAL

for 1938

To Our Friends and Customers:

We take this opportunity to express our sincere appreciation and thanks for your liberal patronage and friendly cooperation. We trust that our service has been satisfactory and that you will again send us your orders for seeds and any other products we handle.

We aim to have the best obtainable stocks from this country, with a few high grade specialties from abroad. Seeds are mostly sold on confidence and our steady growth over a period of 20 years indicates that through our choice of good stocks we have fulfilled the trust our customers have placed in us.

Any order or inquiry you send us will receive prompt, careful, and courteous attention.

Respectfully,

DANISH SEED COMPANY,

Chris Mosberg.

TERMS NET CASH

All prices subject to changes and to being unsold.

On larger orders kindly ask for special quotations.

Delivery charges will be paid by us for all seeds except Peas, Beans, Corn, Bird Seed and Lawn Seed.

We give no warranty, express or implied, as to description, quality, productiveness, or any other matter connected with the goods we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned. Examine seeds closely, test if desired, and if anything is wrong, the seed will be replaced or money refunded.

DANISH SEED COMPANY,

Chris Mosberg.

*Additional Varieties Added to Our 1938 List, and
Which Were Not in Our 1937 List*

Beans, The Prince
Carrot, Pride of Denmark
Cucumber, Colorado
 “ No. 315
 “ West India Gherkins
Musk Melon, Mildew resistant H. B. No. 45
 “ “ Pride of Wisconsin
Water Melon Sugar Swika
 “ “ Dixie Queen
 “ “ Klondike striped
Peas, Gladstone
Snapdragon, Majestic, Rustproof
Calendula, Orange Sunshine
Calliopsis, Golden Crown
Chrysanthemum, Nivellii
 “ Segetum, Zebra
Coreopsis, New Gold, double
Cosmos, Sensation, Purity
 “ “ Pinkie
Delphinium Hybridum, Monarch strain
Geum, Prince of Orange
Heliopsis, Lemoines strain, double
Lupinus, Russells
Marigold, Chrysanthemumflowered Hybrids
Nasturtium, Salmon Gleam
 “ Scarlet Globe
Nemesia, Brightness
Nicotiana, Suaveolens
Nierembergia, Hippomanica
Many kinds of new Petunias
Rudbeckia, New Double
Salvia, Blaze of Fire
Verbena, Bonariensis
Viola, Jackanapes
 “ Mrs. A. H. Scott
 “ Chantreyland
Zinnia, Gaillardiaflowered (Navajo)
 “ Linearis

VEGETABLE SEEDS

ASPARAGUS

		Oz.	¼ Lb.	Lb.
10	Washington .....Pkt. 5c	\$0.10	\$0.30	\$1.00
	Very large stems, rustproof, grows very rapidly and can be used partly 2 to 3 years after seeding.			

14 Washington Plants

We recommend to plant 1-year-old plants of this variety, and offer strong plants for \$10.00 per 1,000—\$1.50 per 100—and 40c for 25 plants.

Sow the seeds thinly, in rows, in the early spring, and dig up and plant in permanent bed the following early spring. Set the plants not closer than 15 in. apart in trenches with the tip of the plant 6 to 8 in. below the surface of the ground, spreading the roots out evenly in all directions.

BEANS—YELLOW PODDED BUSH

Sow the beans in rows leaving at least a 15 in. space between the rows, and either drop the seeds separately 2 or 3 in. apart, or drop 3 or 4 seeds in hills about 18 in. apart.

		¼ Lb.	Lb.	10 Lbs.
18	Unrivalled Wax .....Pkt. 5c	\$0.10	\$0.25	\$1.80
	Very early, tender and prolific, half round, straight slim pods. Seeds light brown, good market variety.			
19	Improved Kidney Wax.....	.10	.25	2.00
	Half round, deep yellow, stringless and very tender. Excellent variety for home use.			
20	Roundpod Kidney Wax or Brittle Wax.....	.10	.25	2.00
	Stringless, round, slightly curved pods, high quality. Seeds white with dark spots.			
22	Pencil Pod Black Wax.....	.10	.25	1.80
	Straight round pods, stringless.			
25	Improved Golden Wax.....Pkt. 5c	.10	.25	2.00
	Good old variety, flat pods. Bears a long time if kept picked. Seeds white and violet.			
26	Webber Wax (Cracker Jack Wax).....	.10	.25	1.80
	Early, prolific fleshy pods.			

BEANS—GREEN PODDED BUSH

34	Longfellow .....Pkt. 5c	.10	.25	1.80
	Very early, round slim pods, dark green.			
35	Stringless Black Valentine.....	.10	.25	1.80
	Half round straight slender pods, stringless, very early and prolific.			
36	Bountiful .....Pkt. 5c	.10	.25	2.00
	Flat pod, very tender, light green, early.			
37	The Prince.....	.15	.50	4.00
	Very long podded, and when young, practically stringless. Quite one of the largest beans, and a heavy bearer. Probably the finest variety for exhibition and general use.			
38	Tendergreen .....Pkt. 5c	.10	.25	2.00
	Round, fleshy, stringless pods, good producer, early.			
40	Stringless Green Pod.....	.10	.25	2.00
	Popular canning variety. Very good for Home Gardens. Round, fleshy pods, stringless, medium early.			
41	Stringless Green Refugee.....	.10	.25	1.80
	Late, very heavy producer, round, stringless, small pods.			
45	Dwarf Horticultural or Cranberry Beans.....	.10	.25	.....
	Pods and seeds are striped. Used mostly shelled.			
49	Broad Beans Windsor .....Pkt. 5c	.15	.40	.....
	Grows tall erect stalks with pods near the top. Beans only used shelled.			
50	McCrea's Lima .....Pkt. 5c	.10	.30	.....
	Erect, runnerless bush, pods 3" curved, thick and round. 3 to 5 gray green beans, fine quality.			
52	Henderson's Bush Lima .....Pkt. 5c	.10	.30	.....
	Small seeded, earliest variety of lima.			
53	Burpee's Bush Lima.....Pkt. 5c	.10	.30	2.20
	Large seeded, prolific, pods 6 inches long.			

BEANS—Continued

	¼ Lb.	Lb.	10 Lbs.
54 Fordhook Bush Lima.....	.10	.35	2.75
Large seeded, early variety.			
57 Swedish Brown .....	.10	.20	.....
Used for dry shelled beans.			
58 White Navy Beans.....	.10	.15	1.25
59 Boston Yellow Eyed.....	.10	.20	1.50
Popular shell bean.			

POLE BEANS

60 Kentucky Wonder .....	.10	.30	.....
Green, large pod, not very smooth but good quality.			
61 Kentucky Wonder Wax .....	.10	.30	.....
Yellow pod, similar otherwise to the green.			
63 Giant Podded Pole Lima.....	.10	.30	.....
Fairly early, large seeds.			
65 Yard Long.....	.15	.40	.....
Vines 6 feet, pods 18" to 26". Tender when young, light green, small reddish tan seeds.			
66 Scarlet Runner .....	.15	.40	.....
Used mostly for ornament. Has clear scarlet flowers. Pods can be cooked as other green beans.			
<i>Sow Pole Beans in a location where trellises can be erected for them to climb up on, or have tall stakes ready to set with the hills.</i>			

BEETS

Sow in rows not closer than a foot apart and thin out the plants so there is 3 to 4 inches between each.

	Pkt.	Oz.	¼ Lb.	Lb.
69 Early Egyptian	\$0.05	\$0.10	\$0.35	\$1.25
Flat, deep red, very tender and early.				
71 Asgrow Wonder .....	.05	.10	.30	1.00
Very early, semi-globular, uniform size, short erect top, purple red flesh, slightly lighter zones, tender and fine quality.				
72 Crosby Egyptian .....	.05	.10	.25	.80
Early, semi-round, deep red with slightly lighter zones.				
74 Early Crimson Globe.....	.05	.10	.25	.90
Extra fine quality, light red, globe shaped.				
75 Detroit Dark Red.....	.05	.10	.25	.80
Deep red, globe shaped, extra good variety for main crop or late use, good keeping quality.				
79 Beet Seed for Beet Green.....	.....	.10	.15	.50
Sow fairly thick in rows and pull up when large enough for cooking.				

MANGEL

One of the best and most nourishing, milk producing food for Cattle. Sow the seed in early May, in fairly rich soil, in rows two feet apart and thin out to about 12 inches between each plant. Keep cultivating until the leaves cover the ground.

	¼ Lb.	1 Lb.	10 Lbs.
84 Danish Sludstrup .....	.15	.50	4.50
Oblong, orange yellow, highest food contents of all the Mangels.			
85 Mammoth Long Red .....	.15	.50	4.50
Very large, long red.			
87 Giant Half Sugar Rose .....	.15	.50	4.50
Half long, pointed, upper half rose, lower half white, high contents of sugar.			
90 Sugar Beet Wanzlebener .....	.15	.50	.....
Real Sugar Beet and really not a mangel but can be used for feeding.			

BRUSSELS SPROUTS

Sow the seed in early spring and when plants are large enough, transplant to permanent place, setting the plants about 18 inches apart.

	Pkt.	Oz.	¼ Lb.
98 Odense Market .....	.05	.25	.....
Half tall with firm sprouts setting close on the stalk.			
99 Long Island Improved .....	.05	.30	.....
Very short early variety.			

BROCCOLI

Culture quite similar to Cauliflower, but makes bunches of green buds which are cooked and eaten like Cauliflower.

	Pkt.	Oz.	¼ Lb.	Lb.
95 Italian Green Sprouting .....	.10	.30	1.00	

Early maturing, very tender.

CABBAGE

Nearly all our Cabbage Seeds are grown in Denmark and will give good satisfaction in almost any climate. For the earliest crop, sow the seed very early and have good plants hardened and ready to set out in the field in April. For late Cabbage in this vicinity, the seed should be sown in first half of May and the plants set out the last half of June in rows 2 to 3 feet apart and the plants about 2 feet apart.

	Pkt.	Oz.	¼ Lb.	Lb.
105 Early Jersey Wakefield .....	.05	.20	.60	2.00
Very early, pointed heads.				
108 Golden Acre .....	.05	.25	.80	3.00
Very early, round solid heads. Ready a few days later than the pointed variety.				
107 Golden Acre, Elite Strain.....	.10	.40	1.40	5.00
Special early strain from a well-known Danish Grower.				
111 Golden Acre, Yellow Resistant.....	.10	.40	1.40	5.00
112 Copenhagen Market .....	.05	.25	.75	2.50
Very early, large, round, solid heads. If planted late, it makes an excellent Kraut cabbage.				
113 Marion Market .....	.10	.40	1.25	4.00
Yellow resistant, Copenhagen Market type.				
116 Glory of Enkhuizen .....	.05	.20	.60	2.00
Best variety for Mid-season. Can be planted closer together as it has few and smaller outer leaves. Will keep fairly well during December.				
117 Globe .....	.10	.40	1.25	4.00
Yellow resistant, Glory of Enkhuizen type.				
118 Flat Dutch or Brunswick Improved.....	.05	.20	.60	2.00
Large, flat heads, not very hard and not a good keeper.				
121 Danish Ballhead Amager, Medium Stem.....	.05	.20	.75	2.40
Round-headed, half short stem, very good keeper. Heads uniform, very hard and heavy, not very large.				
122 Danish Ballhead Munke Strain.....	.05	.25	.80	2.60
Similar to the Amager strain except this is earlier, slightly larger.				
123 Danish Ballhead Hunderup Tall-stem.....	.05	.25	.80	2.60
Latest and best keeping cabbage, heads round or balloon shaped. For best result, this variety should be planted two weeks earlier than the short-stemmed variety.				
126 Wisconsin Hollander .....	.05	.25	.80	3.00
Yellow-resisting strain, has large leaves but will do on yellow infested soil.				
131 Hollander .....	.10	.25	.80	3.00
Ferry's strain. Preferred by some growers instead of the Danish strain.				
132 Penn State Ballhead .....	.....	.40	1.50	.....
Grown by Lupton's and developed by Division of Plant Breeding of Pennsylvania State College. Slightly flat heads. Sold in sealed packages.				
133 Penn State Ballhead.....	.10	.35	1.00	3.50
Danish grown seed, not sealed.				

RED CABBAGE

140 Earliest Red .....	.05	.30	1.00	.....
Earliest, round solid heads, not a good keeper.				
141 Amager Giant .....	.05	.30	1.00	.....
Very large, round, solid heads. Should be planted out early for best results.				
142 Mammoth Large Red .....	.05	.25	.90	.....
Large, medium early.				
143 Danish Stonehead .....	.05	.30	1.00	.....
Best variety for late use, keeps well.				

SAVOY CABBAGE

	Pkt.	Oz.	¼ Lb.	Lb.
150 Long Island .....	.05	.25	.....	.....

Rather loose heads, leaves curled or crimped, most tender and sweet cabbage. Does not keep well.

CHINESE CABBAGE

Also called Celery Cabbage, as it has no resemblance to cabbage except in the flavor. It grows upright with long or oblong loose heads, like Cos Lettuce. The seeds should be sown in late spring or early summer and the plants thinned out to at least a foot apart. Heads appear latter part of the summer.

155 Chihli .....	.05	.25	.80	.....
Very early and gives the highest percentage of fairly solid and long heads.				
156 Pe-Tsai .....	.05	.25	.80	.. ....
Long-headed variety.				
157 Wam-Bock .....	.05	.25	.80	.....
Short, thick heads.				

CARROTS

Sow in rows at least 10 inches apart and thin out when large enough. Varieties with large tops should be thinned out to about 3 inches apart and the small-topped varieties to 1½ to 2 inches. Carrots should not have fresh fertilizer. Does best in light soil which has been richly fertilized for a crop the preceding year.

162 Delicacy .....	.05	.25	.80	.....
Early, very tender and sweet. Attains the size of a little finger when ready to use. Short topped.				
163 Amsterdam .....	.05	.20	.60	2.00
Short topped, very early, cylindrical, turns orange-red when about ½ inch thick. A high quality carrot, but not very large.				
166 Oxheart .....	.05	.10	.25	.90
Early, short and thick. Should be used before they get too large. Good quality.				
169 Nantes Improved .....	.05	.15	.40	1.25
Coreless cylindrical shaped, deep orange-red, very sweet and tender, early, short tops. One of the best carrots for home use.				
172 Chantenay .....	.05	.10	.30	1.00
Most popular Market Carrot. Early, half long, blunt rooted, deep orange flesh, tops large.				
173 Red Cored Chantenay .....	.05	.10	.30	1.00
Red core, shorter top and sweeter than the ordinary Chantenay.				
174 Bagley .....	.05	.10	.35	1.25
Danvers type, larger and more broad roots.				
175 Danvers Half Long.....	.05	.10	.30	1.00
Medium early, half long, good quality.				
176 Imperator .....	.05	.10	.30	1.00
New medium long carrot, top not very large but strong enough for bunching, roots deep orange red, indistinct core.				
179 Pride of Denmark.....	.05	.10	.35	1.25
Large Nantes type, deep orange-red, very sweet and a good keeper.				
183 Yellow Champion Giant .....	.....	.10	.25	.80
Very large yellow Fodder carrot. Does well in poor sandy soil.				
184 White Belgian Giant .....	.....	.10	.25	.80
Very large, White Fodder Carrot. Requires better soil than the yellow variety.				



CARROT CHANTENAY



CARROT NANTES IMPROVED



CC
1804

CAULIFLOWER EARLY DANISH SNOWBALL

CAULIFLOWER

For early Cauliflower, the seed should be started very early in the spring, so the plants can be strong and hardened and ready to set out in April. For late use the seed can be planted in the middle of May and the plants set out the latter half of June. We recommend to treat the bed with Semesan or Formaldehyde Dust before seeding, as the small plants are apt to damp off.

	Pkt.	Oz.	¼ Lb.	Lb.
190 Early Danish Snowball.....	.25	1.50	5.50	20.00
Our most popular variety. It is very early but equally good for late planting.				
191 Early Erfurt Dwarf.....	.25	1.50	5.50	20.00
About a week later than Snowball. Leaves a little taller and the heads more flat.				
192 Dry Weather or Danish Giant.....	.25	1.50	5.50	20.00
Taller and later than Erfurt, has more leaves and rounder heads. Extra good for late planting as the heavy foliage is a protection against hot weather.				
195 Madsen's Super Snowball.....	.25	2.00	7.00	.....
A uniformly headed strain of Snowball, desirable where a large quantity is required at one time.				
196 Catskill Snowball .....	.25	1.75	6.00	21.00
A good strain, maturing in between Snowball and Erfurt.				
199 Snowdrift .....	.25	2.00	7.00	.....
New variety from Holland. Large Snow white heads.				
200 Autumn Giant .....	.05	.30	1.00	.....
Late, very tall. Requires a long season to mature. Not dependable in this vicinity.				

CELERY

For early celery the seed can be planted in early March, under glass, and the plants set out when no more heavy frost is expected. For late celery seed can be sown outside in May and have strong plants ready by the middle of June. The best soil for celery is well cultivated and well powdered peat soil. The plants can be planted 6 to 9 inches apart in single rows about 2 feet or more apart, or can be planted in double rows 6 to 9 inches apart and 2-3 feet between each double row. Bleaching should be started at least 2 weeks before harvest, and can be done with a wide board, special paper, or the soil can be hilled up around the plants. An ounce of seed should produce from 5,000 to 10,000 plants.

210 Paris Golden Yellow Self-blanching.....	.25	1.00	3.00	10.00
Tall, very fast grower, golden yellow heart, stalks thick, broad and crisp, with a fine nut-like flavor. Imported French Seed.				
211 Paris Golden Yellow Self-blanching.....	.10	.50	1.50	5.00
American grown seed, extra good strain.				
212 Golden Yellow Self-blanching.....	.25	1.00	3.00	10.00
The old original short variety, less stringy and better for late use, as the heart is more full. Imported French seed.				
213 Golden Self-blanching .....	.10	.50	1.50	5.00
Extra good strain of American grown seed.				
214 Michigan Golden .....	.....	1.50	5.00	.....
New yellow resitant strain.				
215 Golden Plume .....	.10	.50	1.50	5.00
Heavy, strong growing American variety. Very good for shipping.				
217 Golden Phenomenal .....	.10	.50	1.50	.....
An improved Golden Plume. More disease resisting, taller and heavier.				
218 Giant Pascal .....	.05	.30	1.00	.....
One of the finest flavored variety of Celery. Grows compact but vigorous. When bleached is yellowish white.				
219 Golden Pascal .....	.25	1.00	3.00	.....
New golden yellow, very tender and exceptional fine quality, quite late.				

CELERY—Continued

	Pkt.	Oz.	¼ Lb.	Lb.
220 Easy Blanching .....	.05	.30	1.00	.....
Fairly large, late, green, bleaches to clear white. Good quality and good keeper.				
221 White Plume .....	.05	.25	.80	.....
Early white variety.				

CELERIAC OR ROOT CELERY

Seed should be started under glass in March, and the plants set out in rich, fairly moist ground in late May. Set the plants about 1½ feet apart.

225 Prague Giant .....	.05	.25	.80	.....
Large smooth roots with clear white flesh.				

CUCUMBER

Out doors, cucumber can be seeded in rows 3-4 feet or more apart and the seed dropped 3-4 inches apart, an inch below the surface of the ground, or the seed can be planted in hills about 4 feet apart and 8-10 seeds to each hill. A good method where the soil is not very rich, is to dig a trench and fill in some fresh manure and then at least 6 inches of soil between the manure and the seed.

230 Hunderup Forcing. Extra good Greenhouse variety, English type, grows up to 24 inches long, smooth, slim cucumber. Seedless if insects are kept away. Has a very fine flavor, heavy producer. Not recommended for out-door planting. 10 seeds, 20c—100 seeds \$1.50.				
232 No. 315 or Hjalles. Very fine cucumber for greenhouse growing. About 12 inches long, smooth dark green, and stays green a long time, flesh thick, small seed cavity. Greenhouse grown seed. 100 seeds \$1.00—oz. \$5.00—lb. \$60.00.				
234 Deltus .....	.05	.10	.35	1.25
Smooth, dark green, grows 9-10 inches long, blunt ends. Stays green a long time.				
237 Longfellow .....	.05	.15	.45	1.50
Dark green, uniform, straight, averaging 12-14 in. long by 2½ in. Good for either outdoor or for indoor culture.				
238 Clark's Special .....	.05	.10	.35	1.25
Good slicing cucumber. 8-10 inches long, dark green. Recommended for Hot Beds, Greenhouse or outdoors.				
239 Straight 8 .....	.05	.15	.45	1.50
Symmetrical, cylindrical, about 8 inches long and about 1½ inches in diameter, well rounded at the ends, deep green when ready for use.				
240 Colorado .....	.05	.15	.40	1.50
An all American Award Cucumber, about 12 inches long, slender, dark green. Fine for slicing.				
241 Danish Pickle or Asie .....	.05	.20	.60	2.00
Large, light green, heavy producer, fine quality, very small or fine spines.				
242 Japanese Climbing .....	.05	.15	.50	.....
Climbing variety, dark green, about 9 inches long and 2½ inches in diameter.				
243 Davis Perfect .....	.05	.10	.30	1.00
Long, dark green, stays green a long time after picking, very good but not so prolific as some of the other varieties.				
245 Early Fortune .....	.05	.10	.30	1.00
Slightly shorter than Davis Perfect, but much more prolific. Can be used either for slicing or pickling.				
246 Improved Early White Spine.....	.05	.10	.30	1.00
Early, prolific, popular variety.				
247 Evergreen White Spine.....	.05	.10	.30	1.00
Long, cylindrical shaped, dark green, medium early.				
250 Improved Long Green.....	.05	.10	.35	1.25
Good for late use and for ripe pickling. Good producer.				
252 Chicago Pickling .....	.05	.10	.30	1.00
Very heavy producer and used mostly for Dill Pickling or small sweet pickles.				

CUCUMBER—Continued

	Pkt.	Oz.	¼ Lb.	Lb.
253 National Pickling Heaviest yielding pickling variety.	.05	.10	.30	1.00
254 Snow's Pickling For small pickling. Has square ends which makes easy packing in preserve jars.	.05	.10	.30	1.00
255 West India Gherkins Small, half round, spined. Good for small pickles.	.05	.15	.50	.....

CHICORY

205 Brusseler Witloof Select Strain. <i>Also called French Endive. Seeded in May and in the Fall the roots are dug up, planted again in a dark warm basement or like place in boxes, kept moist, and the fresh leaves or sprouts which then grow up dur- ing the Winter months are used for salads.</i>	.05	.20	.60	2.00
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EGG PLANT

*Should be seeded under glass in March and the plants
set out when all danger of frost is over.*

256 Black Beauty Large, purple-black fruit, good bearer, early.	.10	.40	1.25
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HERBS AND MISCELLANEOUS

270 Anis05	.15
271 Balm05	.50
273 Caraway05	.10	.20	.60
278 Catnip .....	.05	.90	.....	.....
280 Chervil —Resembling parsley and used in soup.....	.05	.15	.50	.....
282 Collards .....	.05	.10	.25	.....
283 Coreander .....	.05	.10	.30	.....
286 Cress or Pepper Grass —Stronger than the Water Cress and used for sandwiches or salads. Grows very quickly .....	.05	.10	.30	.....
287 Cumin .....	.05	.10	.....	.....
288 Dill .....	.05	.10	.20	.60
292 Fennel Florence, Italian Vegetable.....	.05	.25	.....	.....
294 Flea Wort —Psyllium .....	.05	.10	.....	.....
296 Horehound .....	.05	.50	.....	.....
298 Lavender —The flowers used as a moth repeller...	.05	.40	.....	.....
302 Mint—Peppermint .....	.15	.....	.....	.....
303 Mint—Spearmint .....	.15	.....	.....	.....
299 Mustard—smooth leaved .....	.05	.10	.25	.....
300 Mustard—curled .....	.05	.10	.25	.....
301 Okra —Extra early dwarf .....	.05	.10	.25	.80
304 Penny-royal .....	.05	.60	.....	.....
308 Rosemary .....	.05	.50	.....	.....
310 Saffron .....	.05	.30	.....	.....
314 Sage —broad-leaved .....	.05	.20	.60	2.00
320 Sorrel —used like Spinach .....	.05	.15	.....	.....
322 Summer Savory .....	.05	.20	.50	.....
324 Sweet Basil .....	.05	.20	.....	.....
327 Sweet Marjoram .....	.05	.25	.80	.....
329 Tarragon, Russian .....	.25	1.50	.....	.....
330 Tansy .....	.05	.50	.....	.....
331 Thyme—winter .....	.05	.40	.....	.....
332 Water Cress, True —for growing at edge of water	.05	.75	.....	.....
333 Water Cress, Upland —will grow in soil.....	.05	.40	.....	.....
334 Water Cress, Giant American, much larger than the Upland .....	.05	.50	.....	.....
337 Wormwood .....	.05	.60	.....	.....

ENDIVE*Seed in the open and thin out to 10 to 12 inches apart.*

		Pkt.	Oz.	¼ Lb.	Lb.
260	Green Curled Summer Finely curled, yellow center.	.05	.15	.40	.....
261	Large Curled Pancalier Pink ribs.	.05	.15	.50	.....
262	Bavarian Broad-leaved Leaves large and broad, well rounded compact heads, easily blanched.	.05	.15	.40	.....

KALE*Sow in Spring and set the plants 1½ feet apart.*

350	Odense Market Half tall, finely curled, dark green.	.05	.15	.40	.....
351	Butter Kale Smooth, dark green leaves. Should not be transplanted; very early.	.05	.15	.40	.....

KOHLRABI*Sow in Spring and transplant about 8 inches apart, or
sow in rows and thin out to that distance.*

360	Early White Vienna Short-topped, greenish white, early, tender flesh.	.05	.15	.50	.....
361	Early Purple Vienna Similar to above but purple colored instead of white.	.05	.15	.50	.....

LEEK*To grow them to a large size, the seed should be sown
under glass in March or early April and the plants set
out in the open ground, 3-4 inches apart, in rows.*

370	Bulgarian Long Very long, white stem.	.05	.20	.60	.....
371	Mezieres Thick stems.	.05	.20	.60	.....

LEAF LETTUCE*Sow in rows at least 10 inches apart and thin out to
about 5 inches between each plant. Seeds should be
covered about ½ in.*

380	Blackseeded Simpson Broad leaves, blistered and crumbled, frilled on the border. Light yellow-green color. Very tender lettuce.	.05	.15	.35	1.25
382	Grand Rapids Best variety for planting under glass. Used for outside very early in Spring or late Fall.	.05	.15	.35	1.25
384	Prizehead Brown leaved, most tender leaf lettuce.	.05	.15	.40	.....
386	Chicken Lettuce Used mostly for feeding young chickens. If not cut too deep it will grow out again.	.05	.15	.40	.....

HEAD LETTUCE*To grow Head Lettuce the plants must be at least a
foot apart.*

390	New York or Green Iceberg Large green, leaves crumbled or curled at the edge.	.05	.15	.45	1.50
392	Big Boston Very tender, large heads, smooth yellow-green leaves.	.05	.15	.35	1.25
393	White Boston Will stand hot weather better than most other varieties, as it is not so apt to burn or spot from the sunlight.	.05	.15	.35	1.25
395	Crisp As Ice For home garden, forms compact medium size head, good flavor, leaves thick and crumpled, deep green, overlaid dark brown.	.05	.15	.50	.....
396	Early May King Very early and tender, not very large but quite de- pendable to head.	.05	.15	.50	.....
398	Mignonette Small, dark green, very solid heads, crisp and tender.	.05	.20	.60	.....
402	Cos Lettuce Trianon or Paris White Oblong, self-closing, well blanched, firm head.	.05	.15	.50	.....

MUSKMELON

Seed can be sown 3-4 inches apart in rows 4-5 feet apart or planted 8-10 seeds in a hill, 4-5 feet apart.

	Pkt.	Oz.	¼ Lb.	Lb.
410 Emerald Gem .....	.05	.15	.35	1.25
Very early, thick, sweet flesh, rich salmon colored inside.				
413 Extra Early Osage.....	.05	.10	.35	1.25
Very early, fairly good size, flesh thick, sweet and juicy, salmon colored, outside dark green, ribbed and covered with grey netting.				
416 Delicious .....	.05	.10	.30	1.00
Early, medium size, sweet salmon flesh, outside grey-green netted.				
417 H. B. No. 45.....	.05	.10	.35	1.25
Mildew resistant Hale's Best.				
415 Early Sunrise .....	.05	.10	.30	1.00
Very early, extra good, fair size.				
418 Hale's Best .....	.05	.10	.30	1.00
Early Rockyford variety, oval, heavily netted, salmon flesh.				
419 Daisy .....	.05	.15	.35	1.25
Nearly round, very fine quality, very thick salmon orange flesh, rich, mildly aromatic flavor, early.				
421 Rockyford .....	.05	.10	.30	1.00
Good shipping melon, rather small, round, heavily netted.				
424 Golden Osage .....	.05	.10	.30	1.00
Large, fairly early, deep golden yellow skin, fairly well netted, good quality.				
425 Benders Surprise .....	.05	.10	.30	1.00
Good quality, fairly large, golden yellow skin, salmon flesh, medium early.				
430 American Beauty .....	.05	.10	.35	1.25
Fairly large, medium early, yellow-grey skin, netted, almost round.				
431 White Japan .....	.05	.10	.35	1.25
Yellow meated Japan. Quite early, fairly large size, good quality.				
432 Hearts of Gold.....	.05	.10	.30	1.00
Almost round, covered with grey netting, thick, deep salmon orange flesh, tender, sweet and juicy, medium late.				
433 Pride of Wisconsin.....	.05	.15	.50	1.75
New, good melon, quite similar to Honey Rock except being larger and having a harder rind.				
434 Juicy Fruit .....	.05	.15	.45	1.50
Very sweet, fairly large, medium early.				
435 Honey Rock or Sugar Rock.....	.05	.10	.30	1.00
New, very delicious melon which is becoming more popular. Medium size, grey-green skin, moderately covered with heavy coarse netting, salmon flesh.				
437 Honey Dew .....	.05	.15	.35	1.25
Large, late variety, smooth, lemon colored skin when ripe, flesh light green and very sweet, good keeper.				
438 Honey Ball .....	.05	.15	.35	1.25
Smaller and earlier than Honey Dew. Smooth lemon yellow skin, very sweet.				
440 Banana .....	.05	.15	.35	1.25
Long, banana shaped, very sweet				

WATERMELON

Sow like Musk Melons, except water melons require more space between the hills.

443 Northern Sweet .....	.05	.20	.60	2.00
Very early, rather small, but of a very fine quality.				
444 Sugar Swika .....	.05	.25	.80	2.50
Very early, medium size, round, mottled, very thin rind, flesh red and sweet.				
445 Harris Earliest .....	.05	.10	.25	.75
Very early, nearly round, medium size, dark green skin, faintly striped.				

WATERMELON—Continued

	Pkt.	Oz.	¼ Lb.	Lb.
446 Dark Icing .....	.05	.10	.25	.75
Fairly early, almost round, dark green skin.				
447 Dixie Queen .....	.05	.10	.30	1.00
Nearly round, light green, striped with dark green, very fine quality, small white seed.				
448 Kleckly Sweet Improved .....	.05	.10	.25	.75
Fairly early, large, oblong shape, dark green skin, very sweet, red flesh.				
449 Halberts Honey .....	.05	.10	.25	.75
Large, oblong, dark green skin, crimson meat, juicy and sweet, fairly early.				
450 Klondike Striped .....	.05	.10	.30	1.00
When matured should be 15 inches long and about 10 inches thick, striped light and dark green, hard rind, flesh scarlet and very sugary.				
453 Angelino .....	.05	.10	.25	.80
A good quality melon. A distinct netting appears on the skin when ripe and ready to pick.				
456 Winter Queen or Honey Dew.....	.05	.10	.30	1.00
Almost round, light green skin, late; red, sweet flesh, good keeper.				
460 Citron—Red Seeded .....	.05	.10	.30	1.00
Used for preserves.				

MUSHROOM SPAWN

466 American Type Spores , white, bottle.....	.75c each
One bottle will plant about 35 square feet.	

ONION

Use from 3 to 5 lbs. per acre, according to distance between rows.

470 Southport Red Globe.....	.05	.15	.45	1.60
Deep red skin, small neck, extra good keeper.				
472 Southport White Globe.....	.05	.15	.45	1.60
Thin skin, early maturing, not a good keeper.				
473 Southport Yellow Globe.....	.05	.15	.45	1.60
Most popular variety, good yielder and keeper, globe shape, thick skin which does not peel off easily.				
474 Extra Early Yellow Globe.....	.05	.20	.60	2.25
An earlier maturing strain.				
475 Southport Yellow Globe (Ittners Strain).....	.05	.15	.45	1.60
Seeds grown for us near here.				
476 Mountain Yellow Danvers.....	.05	.15	.45	1.60
Early, nearly globe shaped.				
478 Prizetaker .....	.05	.20	.60	2.00
Large, yellow, globe shaped. To get them real early the seed can be started under glass, and the plants set out when the ground is ready in April or early May.				
479 Sweet Spanish (Riverside Strain).....	.05	.20	.60	2.00
Fine golden yellow Spanish type, globe shaped, light yellow skin, pure white flesh, crisp and mild. Grows quite large.				
480 White Sweet Spanish .....	.05	.25	.80	2.50
Large white, very mild.				
481 White Portugal .....	.05	.15	.50	1.80
Small white onion for pickling or sets.				
483 White Bunching .....	.05	.15	.50	1.80
Quick growing white onion used mostly for green onions.				
485 Ebenezer .....	.05	.15	.50	1.80
Straw yellow, globe shaped, solid, good keeper, slow to mature. Seeds mostly used for growing sets for next year's onions.				
487 Ailsa Craig .....	.05	.25	.80	2.50
Very large yellow Spanish type onion. Should be handled similar to Prizetaker.				
489 White Welsh .....	.05	.25	.70	2.50
Grows a strong green top but no onion at the root. Good only for green onions. Will stand through our winters in most cases.				
490 Chives or Grass Onion.....	.10	.60	.....	.....
Very small grass like perennial onion, used only for its green tops, which appear in early spring.				

PARSLEY

Sow in rows not closer than 8 inches apart and thin out to 3 or 4 inches between each plant.

	Pkt.	Oz.	¼ Lb.	Lb.
501 Garnishing or Giant Mosscurled.....	.05	.10	.30	1.00
Very large-leaved, curled.				
502 Champion Mosscurled .....	.05	.10	.25	.80
Finely double curled, dark green.				
503 Paramount .....	.05	.10	.30	1.00
Dark green, fine curled, large plant requiring more space for proper development.				
505 Hamburg Rooted .....	.05	.10	.25	.80
Smooth leaves, long parsnip-like white roots.				

PARSNIP

Sow in rows about a foot apart and thin out to about 6 inches between each plant. Sow fairly thick and only deep enough to get in the moisture of the soil.

510 Hollow Crown .....	.05	.10	.25	.75
Medium long, thick shoulder.				

PEAS

Smooth seeded varieties can be planted very early. The wrinkled varieties are apt to rot if the weather turns wet and cold before they germinate. The short vined does not require anything to climb on, but to get the full benefit of the taller and later kinds, they should have a trellis of some kind to climb on.

		¼ Lb.	Lb.	10 Lb.
521 Extra Early Mammoth Podded	100 lbs. \$15.00	.10	.25	2.00
Very early, smooth seeded, vines about 3 feet, pods about 3½ inches, well filled.				
522 Superb	100 lbs. \$15.00	.10	.25	2.00
2½ feet vines, pods about 4 inches long, very early, prolific, smooth-seeded.				
524 Laxtons Progress	100 lbs. \$16.00	.10	.25	2.00
Earliest long podded variety, wrinkled seeds, vines about 1½ feet. Good quality.				
526 American Wonder .....		.10	.25	2.00
Early, dwarf, small pods, good quality.				
527 Little Gem .....		.10	.25	2.00
Very productive, good quality, small pods, vines about 2 ft.				
528 Little Marvel .....		.10	.25	2.00
Productive, fine quality, pods 3 inches, vines 18 inches.				
531 Dwarf Telephone .....		.10	.30	2.25
Vines 2 feet, pods 4", light green.				
533 Peter Pan	100 lbs. \$16.00	.10	.25	2.00
Short vines, pods about 4 inches, dark green, early.				
534 Worlds Record .....		.10	.25	2.00
Very good quality, pods 3½ to 4 inches, well filled, vines 2½ feet.				
535 Thomas Laxton	100 lbs. \$16.00	.10	.25	2.00
Vines about 2½ feet, early and prolific.				
537 Gladstone .....		.10	.35	3.00
Late variety, vines 3½ feet, very productive, long, slightly curved but shapely pods. 10 to 12 peas in a pod.				
538 Wyoming Wonder	100 lbs. \$16.00	.10	.25	2.00
Similar to Asgrow 40.				
539 Asgrow 40	100 lbs. \$16.00	.10	.25	2.00
New special market variety, wilt resistant. Vines about 2 feet, pods 5 to 6 inches, round, dark green, pointed and curved at tip. Good bearer, well filled pods.				
540 Prince Edward	100 lbs. \$16.00	.10	.25	2.00
4 ft. vines, late, pods large, dark green, well filled, good quality.				
541 Alderman	100 lbs. \$16.00	.10	.25	2.00
Tall, late, large green pods.				
542 Telephone .....		.10	.25	2.00
Grows about 4 ft.; large, well-filled pods with sweet green peas.				
546 Mammoth Melting Sugar .....		.10	.35	.....
Grows about 4 ft. tall, edible pods. Very large, curved pods filled with very sweet, small green peas.				

PEPPER

For best result sow Pepper seed under glass in March or early April, and have strong plants to set out in late May or early June. Pepper prefers a warm, and not too rich soil.

		Pkt.	Oz.	¼ Lb.	
556	Harris Early Giant.....	.05	.35	1.25	
	Very early. Size of fruit about 4 inches long and 3½ inches in diameter. start setting close to the ground. Most popular variety.				
558	Bull Nose or Large Bell.....	.05	.30	1.00	
	Early, prolific, fruit short and thick. meat sweet and thick.				
560	Early Crimson Giant .....	.05	.40	1.50	
	Early, large, good bearer, thick flesh.				
561	Chinese Giant .....	.05	.50	.....
	Largest variety. good quality, not very prolific.				
563	Asgrow King (Improved Ruby King).....	.05	.30	1.00	
	Fairly early and prolific, fruit 5 inches long, 3½ inches in diameter, slightly tapered, 3 lobed.				
565	World Beater .....	.05	.30	1.00	
	Large thick pepper, sweet, early.				
567	California Wonder .....	.05	.35	1.25	
	Very thick sweet flesh, large and smooth, not very early, but extra good.				
570	Long Thick Red .....	.05	.50	1.75	
	Finger shaped, smooth, bright red hot pepper, early and a heavy yielder.				
572	Red Chili .....	.05	.50	.....
	Small, red, very hot.				
574	Pimento—Sunnybrook Strain .....	.05	.40	.....
	Tomato shaped, sweet, very thick meat.				

PUMPKIN

Plant in hills or between rows of corn.

		Pkt.	Oz.	¼ Lb.	Lb.
580	Sugar Pie .....	.05	.10	.30	1.00
	Small, round, sweet, orange colored.				
582	Connecticut Field .....	.05	.10	.20	.60
	Very large Field Pumpkin.				
583	Vegetable Marrow .....	.05	.10	.35	1.25
	Oblong, creamy yellow when ripe. Used for sweet pickles. The young greens can be cooked.				
584	Mammoth Tours .....	.05	.10	.30	1.00
	Very large and heavy.				

RUTABAGA

620	American Purple Top.....10 lbs. \$4.50	.05	.10	.20	.50
	Upper half reddish purple, lower yellow, sweet and tender. Good keeper for winter.				
621	Bangholm Purple Top.....10 lbs. \$4.50	.05	.10	.20	.50
	Upper half purple, lower yellow, small, short neck. Best variety for shipping and storing. Yellow flesh, mild and tender.				
623	Yellow Purple Top Neckless.....10 lbs. \$5.50	.05	.10	.20	.60
	Fine quality.				
624	Yellow Swedish .....	.05	.10	.25	.75
	Upper half green, lower yellow, almost neckless. Extra good quality Table Rutabaga.				
626	Yellow Perfection .....	.05	.10	.25	.75
	Small, extra fine variety for cooking, yellow meat, purple top.				

WINTER RADISH

For Winter use, plant the seed in July and thin out to at least 6 inches between each plant as the top is quite large and the roots must have room to develop.

611	Round Black .....	.05	.10	.20	.60
	Round, black roots, white inside.				
612	Long Black .....	.05	.10	.20	.60

RADISH

Sow Radish Seed either in rows or broad-cast, and thin out to about 1 inch between each plant. We recommend seeding every two weeks for continued use.

		Pkt.	Oz.	¼ Lb.	Lb.
590	Excelsior Forcing Round, bright scarlet, short tops, good for growing under glass, or for earliest spring outside.	.05	.10	.25	.75
591	Glowing Ball .....10 lbs. \$5.00 Very quick growing, short top, scarlet red with suffusion of orange.	.05	.10	.20	.60
592	Early Scarlet Globe (Vick's) .....100 lbs. \$40.00 10 lbs. \$5.00 Round, clear bright scarlet, average size top, extra fine American grown strain.	.05	.10	.20	.60
594	Early Scarlet Globe.....100 lbs. \$40.00 10 lbs. \$5.00 Shorter top, seeds grown in Holland from transplanted roots.	.05	.10	.20	.60
597	Scarlet Turnip White Tip Early, upper half bright scarlet, lower clear white.	.05	.10	.20	.60
600	Crimson Giant Large, bright crimson.	.05	.10	.25	.65
602	French Breakfast Oval shaped, upper half bright red, lower white.	.05	.10	.25	.65
605	Long White Icicle Very brittle and tender. Fine radish for summer.	.05	.10	.25	.65
606	White Strassburg Smooth, long, pure white.	.05	.10	.25	.65

SALSIFY

Sow in early May, thin out to about 3 inches between plants.

630	Sandwich Island or Oyster Plant Long, smooth, creamy yellow roots.	.05	.20	.50	1.75
632	Scorzonera or Black Salsify Long, slender, black-skinned roots, pure white inside, very sweet for cooking.	.05	.20	.....	.....

SPINACH

		Pkt.	¼ Lb.	Lb.	10 Lb.
640	Bloomsdale .....100 lbs. \$18.00 Re-selected, early, glossy green, crumbled, large leaves.	.05	.15	.30	2.50
641	Bloomsdale Longstanding .....100 lbs. \$18.00 As early as Bloomsdale and similar in every way, except it stands a longer time before bolting to seed.	.05	.15	.35	2.50
642	Bloomsdale, Blight Resistant.....	.05	.15	.35	2.50
643	Special Summer Savoy A special strain which is more resistant to hot weather than the other strains of Bloomsdale, but has slightly smaller leaves, darker green and more crumpled.	.....	.....	.35	3.00
648	Juliana .....100 lbs. \$18.00 An improved Victoria, stands longer before bolting to seed.	.05	.15	.35	2.50
652	New Zealand Grows in bush form with short juicy branches and thick juicy leaves which can be cut off and cooked as spinach. Can be cut several times during the summer. The plants can be transplanted or thinned out as they should have at least a foot between each.	.05	.10	.25	.80



SPINACH
JULIANA

SQUASH

Plant 6-8 seeds in hills 5-6 feet apart or between rows of corn.

		Pkt.	Oz.	¼ Lb.	Lb.
660	Des Moines or Table Queen Small, acorn shaped, dark green, deep ribbed, good quality.	.05	.10	.30	1.00
663	Hubbard—Green Warted Large, dark green, heavily warted, thick meat, good keeper.	.05	.10	.30	1.00
664	Blue Hubbard Blue-grey, large, good quality and keeper.	.05	.10	.30	1.00
665	Buttercup New, rather small turban shaped, very fine quality and good keeper.	.05	.15	.45	1.50
667	Early Summer Crockneck Long, slender, crooked, yellow, Summer Squash.	.05	.15	.35	1.25
668	Giant Summer Crockneck Larger than above.	.05	.15	.35	1.25
670	Early White Bush Scallop White Patty Pan, very prolific, small, flat, white, crinkled edge. Fine vegetable for use when young or about 2 inches in diameter.	.05	.10	.35	1.25

SQUASH—Continued		Pkt.	Oz.	¼ Lb.	Lb.
671	Turban Squash Large, weighing 6 to 8 lbs. Variegated colors, mostly yellow, green and red.	.05	.20	.60	.....
672	Turk's Cap 5 to 6 inches in diameter, the swelling at the lower half variegated yellow, green and red.	.05	.20	.60	.....
673	Banana Squash Long, dark grey-green, late.	.05	.20	.....	.....
674	Sweet Potato Squash..... Small, very sweet and delicate.	.05	.20	.60	.....
675	Zucchini Dark green, mottled or striped yellow.	.05	.15	.45	1.50
676	Vegetable Spaghetti When boiled it looks something like golden spaghetti.	.05	.20	.....	.....

SWISS CHARDS

Belongs to the Beet family and grown for its juicy tender leaves and stems which are used as Beet greens. Thin out to about 6 inches between each plant.

710	Lucullus Large, yellow-green crumbled leaves, creamy-yellow stalk.	.05	.10	.30	1.00
711	French Dark Green, white ribbed.....	.05	.10	.30	1.00

SWEET CORN

Plant 3 or 4 seeds in a hill and for the early varieties have at least 1½ feet between hills. For later varieties, 2 to 2½ feet. We have tried to list the varieties below according to their earliness. The earliest first and the late last.

			¼ Lb.	Lb.	10 Lb.
680	Golden Gem Short stalk and small ears.		.10	.25	2.00
681	Sunshine Very early, large ears, creamy yellow.		.10	.25	2.00
682	Spanish Gold..... Short stalk, fair size ears, good quality.	100 lbs. \$16.00	.10	.25	2.00
683	Golden Hummer Very early, fairly large ears.		.10	.25	2.00
684	Kings-cross Bantam Double-crossed Golden Bantam, nearly all ears ready at one time. Very early yellow.	50 lbs. \$13.00	.15	.40	3.00
688	Extra Early Golden Bantam..... Special early variety.	100 lbs. \$16.00	.10	.25	2.00
689	Golden Bantam..... Standard yellow Sweet Corn.	100 lbs. \$16.00	.10	.25	2.00
690	Burbank Bantam Slightly larger and later than Golden Bantam.		.10	.25	2.00
693	Whipples Early Yellow..... 14 row ears, good quality and producer.	100 lbs. \$16.00	.10	.25	2.00
696	Golden Country Gentleman..... New corn almost exactly like Country Gentlemen, except this has the same yellow color as Golden Bantam.		.10	.25	2.00
697	Black Mexican Very sweet, reddish black ears.		.10	.30	.....
699	Bantam Evergreen..... Very sweet, large yellow, tall stalk.	100 lbs. \$16.00	.10	.25	2.00
703	Stowell's Evergreen Tall, late, very large white ears.		.10	.25	2.00

TOMATO

One method to grow early Tomatoes is to plant strong, healthy plants of a good early variety, about $1\frac{1}{2}$ feet apart, in rows about 3 feet apart, then, at the same time set along side each plant a fairly heavy stake. A Tonkin cane, 5 ft. long and $\frac{1}{2}$ to $\frac{3}{4}$ inch thick is good. As the plant grows, the main or center stem should be tied loosely with Raffia to the stake and all side-shoots or suckers trimmed off. When 5 or 6 flower clusters are set, the top of the plant should also be taken off, but one leaf must be left over the top flower. That way there will not be so many Tomatoes on the plants, as when letting it grow its own way, but the tomatoes will mature much earlier and the fruit will be perfect. If more than 5 or 6 clusters are wanted from a plant, the two bottom side branches can be left growing and tied on the stake, and stopped when 3 clusters are set. Varieties are listed as to their earliness, the earliest first.

	Pkt.	Oz.	$\frac{1}{4}$ Lb.
720 Special Kondine Forcing strain for Greenhouses, disease resistant, very heavy bearer, fruit rather small, but extra good quality. Danish Greenhouse grown seed.	.75	10.00	.....
721 Potentate Slightly larger than Kondine, otherwise similar in all respects.	.75	10.00	.....
723 Danish Export Medium to small size fruit of extra fine quality, very heavy bearer. Good for Greenhouse growing and out-doors in the north.	.10	.60	.....
724 Comet Improved Larger than Danish Export. Used to be the main Greenhouse Tomato in England, but now superceded by Condine.	.10	.60	.....
725 Bison Very early, produces a good crop without pruning.	.10	.40	.....
727 Best of All Newer English variety, larger fruits.	.25	1.25	.....
730 Special Earliana Does not resemble Earliana in any way but the name and earliness. The fruit is almost round, does not crack, is more firm. We can highly recommend this strain.	.10	.75	.....
734 Earliana Regular, good, early strain.	.05	.35	1.25
737 Burbank Very good quality, good size, early.	.10	.50	.....
739 Break-O-Day Blight resistant, globe shaped.	.05	.40	.....
740 Scarlet Dawn New variety, slightly earlier than John Baer. Medium large fruit, thick wall structure, globular, smooth, bright scarlet.	.10	.50	1.75
743 John Baer Round, smooth, medium size, very good standard variety for main crop.	.05	.40	1.40
744 John Baer Select.....	.05	.60	2.00
745 Bonny Best Very good quality, firm and solid. Good for main crop.	.05	.40	1.40
746 Red Head Bright red, nearly globe shaped, good quality for main crop.	.05	.40	1.50
751 Matchless Large, smooth, bright red.	.05	.40	.....
753 Pritchard or Scarlet Topper Extra good disease resistant variety. bright scarlet.	.05	.40	1.40
758 Dwarf Champion Short stalk, sturdy plants, fine flavored, pink.	.05	.40	1.50
760 Beauty Pinkish purple, heavy, fairly large, fine flavored.	.05	.40	.....
763 Marglobe Disease resistant, fairly late, good quality.	.05	.40	1.40
764 Tangerine Orange yellow, large fruit.	.10	.....	.....
766 Dwarf Stone Short stocky plants, bright red fruit, firm and of good quality.	.05	.40	1.50

TOMATOES—Continued

	Pkt.	Oz.	$\frac{1}{4}$ Lb.	Lb.
767 Rutgers .....	.05	.60	2.00	
New late variety, deeper than its horizontal diameter, small seed cavity, heavy cross walls, ripens from inside.				
768 Norton—Wilt Resistant Stone.....	.05	.40	1.50	
Standard late variety, very firm, smooth and bright, extra good quality.				
770 Golden Queen .....	.05	.50	.....
Large yellow.				
771 Snowball .....	.10	.....	.....
Creamy white, medium size fruit.				
773 Oxheart .....	.10	.75	.....
Very large, heart shaped, fine flavored.				
776 Ponderosa .....	.05	.50	1.75	
Very large, fine flavored, pink.				
778 Yellow Peach .....	.05	.50	.....
779 Yellow Plum .....	.05	.40	.....
Small yellow, plum shaped.				
780 Yellow Pear .....	.05	.50	.....
Small, yellow, pear shaped.				
781 Red Cherry .....	.05	.60	.....
Cluster of red fruit, slightly larger than cherries.				
786 Ground Cherry or Yellow Husk.....	.05	.50	.....
Yellow sweet fruit inside grey husk.				

TURNIP

For successive crop, this can be seeded from early April till late August.

	Pkt.	Oz.	$\frac{1}{4}$ Lb.	Lb.
793 Early Purple Top White Milan.....	.05	.10	.20	.60
Smooth, sweet flavored, flat.				
795 Purple Top Strap Leaf.....	.05	.10	.20	.60
Flat, very early.				
798 Snowball .....	.05	.10	.20	.60
Globe shaped, white, early.				
800 Early Purple Top Globe.....	.05	.10	.20	.50
Can be picked when small for cooking or left to grow large for cattle feed. Not a good keeper.				
802 Petrowsky .....	.05	.10	.20	.60
Early, yellow, flat.				
806 Danish Bortfelder .....	.05	.10	.20	.50
Large yellow, grows very large, good winter keeper.				



Tomato Kondine



Squash Table Queen

FLOWER SEEDS

We have keyed most of the varieties as to whether annuals, perennials or pot plants, and have used the following designations:

- a annuals
- b biennials
- c climbers
- p perennials
- g greenhouse potplants
- r can be used in rock gardens
- * Perennials which can be used in rock garden.

When ordering either the name or the number in front of the name can be used. Not necessary to mark both.

a	ABRONIA	Pkt.	¼ Oz.	Oz.
	1002 Umbellata, Sand Verbena, lavender pink.....	.10	.....	.....
	<i>Sow indoors in February or March.</i>			

p	ACHILLEA			
	1006 Ptarmica, The Pearl, white.....	.10	.80	.....
	1007 Filipendula, Parker's variety, yellow.....	.10	.80	.....
	1008 Millifolium, ruber, magenta .....	.10	.70	.....
	1009r Tomentosum, aureum, yellow .....	.15	.....	.....
	<i>Sow in spring or early summer in protected place or frame, transplant in early Fall or early spring to permanent place.</i>			

p	ACONITUM (Monkshood)			
	1013 Fischeri, large pale blue, 2 to 3 ft. tall.....	.15	.60	.....
	1014 Napellus, deep blue, about 3 ft. tall.....	.10	.50	.....
	1015 Wilsoni, rich blue, tall.....	.15	.....	.....
	<i>Sow in Fall and Transplant following Spring when plants are large enough.</i>			

a	ACROCLINIUM, Everlasting			
	1020 Roseum, fl. pl. double pink.....	.05	.15	.50
	1021 Album, fl. pl. double white.....	.05	.15	.50
	1022 Mixed, double .....	.05	.15	.50
	<i>Sow in open ground in Spring.</i>			

a	AGATHEA			
	1035 Coelestis, blue daisy .....	.10	.30	.....
	<i>Sow under glass in early spring for early flowers, or in open ground for late blooming.</i>			

a	AGERATUM			
	1039 Blue Cap, about 4 inches high, compact, bushy.....	.15	.60	.....
	1040 Little Blue Star, very dwarf and compact.....	.15	.60	.....
	1041 Blue Celestial, dwarf compact, mid-blue.....	.10	.....	.....
	1042 Blue Perfection, large flowered about 8 inches tall.....	.10	.20	.60
	1043 Silver Star, new dwarf white.....	.25	.....	.....
	1044 Purple Perfection, deep purple-blue.....	.10	.25	.....
	1045 Dwarf Rose Queen, delicate shade.....	.15	.60	.....
	1046 Tall Blue, 1½ to 2 feet tall.....	.10	.20	.60
	1047 Hungarian Giant, largeflowered, deep blue.....	.25	1.00	.....
	1048 Fraseri, deep amethyst blue, compact.....	.25	.....	.....
	<i>For May blooming, sow in early January; if sown in open ground in May, they will bloom in late Summer.</i>			

		Pkt.	¼ Oz.	Oz.
p	AGROSTEMMA (Rose Champion) (Mullein Pink)			
	1053 Coronaria , red, white woolly foliage.....	.05	.10	.25
	1054 Flos Jovis , magenta rose.....	.10	.15	.....
	<i>Sow in late Spring or early Summer, transplant in early Fall to permanent place.</i>			
	ALOE			
	1061 Variegata , succulent Pot Plant.....100 seeds \$1.25	.25	.....	.....
	ALONSOA			
	1064 Warscewiczii , vermillion scarlet, about 2 feet high, erect stem. Tender perennial which blooms first season if seeded early .....	.10	.25	.....
p	ALSTROMERIA			
	1083 Chilensis , mixed. Half hardy perennial.....	.25	.....	.....
a	ALYSSUM, (Sweet Alyssum)			
	1069 Little Gem , white, about 4 inches high.....	.05	.15	.50
	1070 Procumbens , Carpet of Snow, flat spreading habit, about 2 inches high .....	.05	.15	.50
	1075 Lilac Queen , light lilac.....	.05	.15	.50
	<i>For blooming in May, sow in late March under glass and for blooming in July, sow in open ground in May.</i>			
pr	1080 Saxatile Compactum , (Gold Dust) yellow, blooms in May and June. Sow in May or June and transplant in September to permanent place.....	.10	.25	.80
pr	1081 Argenteum , yellow, silvery foliage.....	.25	.80	.....
a	AMARANTHUS			
	1085 Molten Fire , bright red foliage.....	.10	.50	.....
	1087 Combustion , bright red foliage and top, very showy....	.15	.75	.....
	1088 Mixed , good collection .....	.05	.15	.....
	<i>Sow in March under glass, or in open ground in late May. Have 1½ to 2 feet between each plant.</i>			
a	AMMOBIUM, Everlasting			
	1093 Alatum Grandiflorum , small-flowered, white. Can be dried and dyed for winter bouquets.....	.05	.15	.40
	<i>Sow under glass in March, or in open ground in late May. Space plants about 6 inches apart.</i>			
ar	ANAGALLIS, (Pimpernel) about 8 inches high			
	1098 Grandiflora , blue, small-flowered, clear sky-blue, compact .....	.10	.25	.80
	1099 Mixed colors .....	.05	.20	.75
	<i>Sow in open ground in late May., or under glass in late March. Space plants 6 inches apart.</i>			
	ANCHUSA			
	1105a Blue Bird , deep blue, 2 feet high.....	.10	.20	.60
	<i>Sow in March under glass or in open ground in May. Space plants at least a foot apart.</i>			
p	1107 Italica, Dropmore variety , deep blue, very showy, 6 feet tall .....	.10	.20	.60
r	1110 Myosotidiflora , resembles Forget-Me-Nots, 12 in.....	.25	1.25	.....
	<i>Sow in May or June and transplant in early Fall or Spring.</i>			
pr	ANEMONE CORONARIA (Windflower)			
	1115 St. Brigid , double and half double, large range of colors .....	.10	.80	.....
	1116 De Caen , single, French mixture, very fine colors.....	.10	.50	.....
	<i>Sow seed in the spring and dig up the Corms or Bulbs before freezing, as they are not hardy in this climate. One year old bulbs will bloom. We offer blooming size bulbs at 5c each.</i>			

ANGELONIA

		Pkt.	¼ Oz.	Oz.
1122	Grandiflora , lilac .....	.25	.....	.....
1123	Grandiflora , white .....	.25	.....	.....
Annual greenhouse plant for pots or cut. Should be a good cut flower for outside as well as indoor growing, especially the white variety.				

pr ANTHEMIS (Chamomile)

1126	Tinctoria Kelwayii , yellow daisy.....	.10	.25
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a ANTIRRHINUM, (Snapdragon)

Forcing strain

1131	Afterglow , Golden bronze	1.00
1133	Cheviot Maid , pink	1.00	.....	.....
1134	Cheviot Maid Supreme , deep pink.....	1.00	.....	.....
1136	Ceylon Court , yellow	1.00	.....	.....
1139	Geneva Pink , tall	1.00	.....	.....
1144	Helen , salmon	1.00	.....	.....
1146	Happiness , rose pink.....	1.00	.....	.....
1148	Jennie Schneider , pink	1.00	.....	.....
1151	Mankato White	1.00	.....	.....
1152	Lucky Strike , pure white.....	1.00	.....	.....
1153	Penn Orange	1.00	.....	.....
1154	Rock's White	1.00	.....	.....
1157	Roman Gold , yellow and copper.....	1.00	.....	.....
1160	Rose Queen , (Witterstaetter) deep pink.....	1.00	.....	.....
1161	Sunburst Improved (Emily)	1.00	.....	.....
1162	Suntan , rosy tan with tinge of yellow on lip.....	1.00	.....	.....
1163	Winter King , pink.....	1.00	.....	.....
1164	Terry's Surprise , pink and bronze.....	1.00	.....	.....

Above varieties recommended for Greenhouse growing.

1170	Majus Grandiflorum , tall, mixed .....	.05	.25	.80
1172	" " Bonfire , cinnabar red, yellow blotch .....	.10	.50	.....
1174	" " Crescia , dark reddish purple.....	.10	.50	.....
1175	" " Crimson King .....	.10	.50	.....
1178	" " Defiance , bright scarlet .....	.10	.50	.....
1183	" " Luteum , yellow .....	.10	.50	.....
1185	" " Queen Victoria , white .....	.10	.40	.....
1186	" " Rose Dore , salmon rose.....	.10	.50	.....
1188	" " Couleur de Rose , rose pink.....	.10	.50	.....
1189	" " Rock's White , white.....	.10	.60	.....
1193	Maximum , Mixed, Rustproof.....	.10	.....	.....
1194	" mixed , largest flowers, tall growing.....	.10	.40	1.40
1195	" Alaska , white, Rustproof.....	.10	.60	.....
1196	" Appleblossom , delicate pink, Rustproof.....	.10	.60	.....
1197	" Canary Bird , yellow, Rustproof.....	.10	.60	.....
1198	" Cattleya , rosy lilac .....	.10	.60	.....
1199	" Campfire , scarlet, Rustproof.....	.10	.60	.....
1200	" Cerberus , purple .....	.10	.60	.....
1203	" Copper King (Indian Summer) coppery red .....	.10	.60	.....
1204	" Copper Shades , Rustproof.....	.10	.60	.....
1205	" Crimson , Rustproof .....	.10	.60	.....
1206	" Defiance , scarlet .....	.10	.60	.....
1210	" Fascination , deep flesh pink.....	.10	.60	.....
1211	" Fire King , bright orange scarlet, white throat .....	.10	.60	.....
1212	" Gotelind , light orange.....	.10	.60	.....

SNAPDRAGON—Continued

			Pkt.	¼ Oz.	Oz.
1213	Maximum	Pink Shades, Rustproof.....	.10	.60	.....
1214	"	Purple King, dark garnet, dark foliage.....	.10	.60	.....
1215	"	Ruby, ruby red.....	.10	.60	.....
1216	"	Snowflake, white .....	.10	.60	.....
1217	"	Loveliness, soft pink, Rustproof.....	.10	.60	.....
1218	"	Salmon Shades, Rustproof.....	.10	.60	.....
1219	"	The Rose, rose .....	.10	.60	.....
1229	Nanum	Grandiflorum, mixed, large flowered, half tall....	.10	.35	1.00
1232	"	" Black Prince, dark purple, dark leaves .....	.10	.50	.....
1235	"	" Ceylon Court, yellow .....	.10	.60	.....
1237	"	" Golden Queen, yellow .....	.10	.50	.....
1238	"	" His Excellency, orange scarlet .....	.10	.60	.....
1240	"	" Jennie Schneider, pink.....	.10	.60	.....
1246	"	" Philadelphia Pink, clear pink....	.10	.60	.....
1248	"	" Primadonna, terra cotta .....	.10	.60	.....
1251	"	" Queen of the North, white.....	.10	.40	.....
1258	"	" Rose Queen, rose pink.....	.10	.60	.....
1259	"	" Silver Pink .....	.10	.60	.....
1260	"	" Royal Rose, new, deep rich rose .....	.25	1.50	.....
1265	"	" Welcome, clear crimson red .....	.10	.80	.....
1266	"	" White Wonder, large-flowered .....	.10	.60	.....
1270	Majestic,	mixed, large flowered, half tall.....	.10	.60	.....
1271	"	mixed, Rustproof .....	.25	.....	.....
1272	"	Avalanche, white .....	.15	.80	.....
1273	"	Celestial Rose, salmon rose, extra.....	.50	.....	.....
1274	"	Cherry, cherry red.....	.15	.80	.....
1275	"	Dainty, soft pink, Rustproof.....	.25	.....	.....
1279	"	Eldorado, golden yellow.....	.15	.80	.....
1281	"	Golden Dawn, salmon buff.....	.15	.80	.....
1282	"	Harmony Shades, terracotta and yellow shaded rose, Rustproof.....	.25	.....	.....
1285	"	Orange King, terra cotta orange.....	.15	.80	.....
1286	"	Orange Shades, deep to light orange, Rust- proof .....	.25	.....	.....
1288	"	Red Chief, deep scarlet.....	.15	.80	.....
1289	"	Red Shades, Rustproof.....	.25	.....	.....
1290	"	Rose Shades, Rustproof.....	.25	.....	.....
1291	"	Rose Marie, salmon rose.....	.15	.80	.....
1292	"	Sunset, bright terra cotta.....	.15	.80	.....
1295	"	Twilight, rosy salmon.....	.15	.80	.....
1300	Tom Thumb,	mixed, bushy plants about 8 inches tall .....	.10	.50	.....
1301	"	" Crimson King .....	.10	.60	.....
1302	"	" Pink .....	.10	.60	.....
1303	"	" Yellow .....	.10	.60	.....
1304	"	" White .....	.10	.60	.....
1305	Rocks	Hybrids, mixed, very short, free-flowering.....	.10	.80	.....
<i>For best results, sow Snapdragon under glass in early March, transplant and pinch the top off over the fifth pair of leaves and set out in open ground in May. Can also be sown in open ground in May and will then bloom late in the Summer.</i>					

p AQUILEGIA (Columbine)

1310	Coerulea,	blue (Rocky Mountain Columbine).....	\$0.10	\$0.60	\$2.00
1312	"	Mrs. M. Nichols, deep blue.....	.25	.....	.....
1315	Canadensis,	scarlet and yellow.....	.10	.60	.....
1317	Chrysantha,	yellow .....	.10	.....	.....
1318	Crimson Star,	brilliant dark crimson.....	.25	2.00	.....
1319	Snow Queen,	clear white.....	.15	1.00	.....
1320	Mrs. Scott Elliott's	strain, extra fine long spurred.....	.10	.80	.....

AQUILEGIA—Continued

Pkt. ¼ Oz. Oz.

1321	Imperial Hybrids, fancy long-spurred, mostly dark shades .....	.10	.80	.....
1322	Rose Queen, soft rose..... <i>Sow in Spring or Fall in open ground.</i>	.10	.60	.....

pr ARABIS (Rock Cress)

1330	Alpina Compacta, white, 6 inches tall. Blooms very early in Spring .....	.10	.60	.....
<i>Sow in late Spring. Can be transplanted in early Fall.</i>				

ar ARCTOTIS

1335	Grandis, African Lilac Daisy. 2 feet tall.....	.05	.15	.50
1336	Breviscapa, orange daisy, 6 inches tall.....	.10	.25	.....
1338	Hybrida, many different colors, 6 in. tall..... <i>Sow in early April under glass or in late May in open ground.</i>	.15	1.00

pr ARENARIA

1343	Montana, white, large flowered, 8 in.....	.25	2.00
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ar ARGEMONE

1347	Hybrida Grandiflora, Mexican Prickly Poppy.....	.10	.20
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pr ARMERIA (Thrift)

1351	Lauchiana, rosy crimson, 6 in.....	.25	1.25
1352	Maritima, lilac rose.....	.25
1353	Formosa, large flowered hybrid..... <i>Sow in late Spring and transplant in Fall or Spring.</i>	.25	1.25	.....

a ARNEBIA

1356—	Cornuta .....	.25	.....	.....
Showy little plant with small spikes of Golden yellow flowers, blotched rich brown.				

pr ARNICA

1359	Montana, yellow10	.60
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p ASCLEPIAS

1361	Tuberosa, orange red (Butterfly Weed).....	.10
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a ASTER

1381	Dwarf Chrysanthemum-flowered, mixed.....	.10	.50
1385	Dwarf Triumph, mixed. Freeflowering, rather small flowers15	.50
1386	Lilliput, mixed. Semi-dwarf. Fine for border and also for pots .....	.10	.50	.....
1387	Lilliput Rose, beautiful clear color.....	.10	.60	.....
1390	Queen of the Market, mixed, wilt resistant.....	.10	.30	1.00
1391	“ “ “ “ white, wilt resistant.....	.15	.35	1.25
1392	“ “ “ “ peachblossom, wilt resistant.....	.15	.35	1.25
1395	“ “ “ “ crimson, wilt resistant.....	.15	.35	1.25
1397	“ “ “ “ light blue, wilt resistant.....	.15	.35	1.25
1398	“ “ “ “ purple, wilt resistant.....	.15	.35	1.25
Early Royal, grows 1½ ft. branching, blooms shortly after Queen of the Market.				
1400	“ “ white, wilt resistant .....	.25	.40	1.50
1401	“ “ peachblossom, wilt resistant .....	.25	.40	1.50
1402	“ “ deep rose, wilt resistant.....	.25	.40	1.50
1403	“ “ lavender, wilt resistant .....	.25	.40	1.50
1404	“ “ purple, wilt resistant .....	.25	.40	1.50
1406	Dr. H. C. Durr, yellow. Best double yellow aster we have seen. The flower is not large. Plants half-dwarf, branching .....	.25	.80	.....
1408	Flame, scarlet. Early, half-dwarf, branching. Brighter red color than Heart of France.....	.25	.80	.....



ASTER OSTRICH FEATHER

ASTER—Continued

			Pkt.	¼ Oz.	Oz.
1426	Ostrich Feather,	mixed, feathery or twisted petals about 2 feet tall, branching, best of the Crego or Comet class.....	.10	.35	1.25
1427	"	" white, wilt resistant .....	.15	.40	1.50
1428	"	" shell pink, wilt resistant.....	.15	.40	1.50
1429	"	" deep rose, wilt resistant.....	.15	.40	1.50
1431	"	" light blue, wilt resistant.....	.15	.40	1.50
1432	"	" purple, wilt resistant .....	.15	.40	1.50
1440	American Branching,	2½ to 3 ft. tall, late blooming, mixed .....	.05	.25	.80
1441	"	" white, wilt resistant .....	.15	.50	.....
1442	"	" light rose, wilt resistant.....	.15	.50	.....
1443	"	" peerless pink, wilt resistant.....	.15	.50	.....
1444	"	" shell pink, wilt resistant.....	.15	.50	.....
1446	"	" scarlet, wilt resistant .....	.15	.50	.....
1448	"	" azure blue, wilt resistant.....	.15	.50	.....
1449	"	" purple, wilt resistant .....	.15	.50	.....
1450	"	" mixed, wilt resistant .....	.10	.40	.....
1482	Aurora, Golden Sheaf,	golden yellow, wilt resistant...	.25	.60	.....
1483	"	Lobelia Blue .....	.25	.60	.....
1533	Heart of France,	deep rose, wilt resistant.....	.25	.60	2.25

ASTER—Continued

		Pkt.	¼ Oz.	Oz.
1452	Early Beauty, mixed, late, tall branching.....	.15	.35	1.25
1454	“ “ white, wilt resistant .....	.25	.50	1.75
1455	“ “ shell pink, wilt resistant.....	.25	.50	1.75
1456	“ “ deep rose, wilt resistant.....	.25	.50	1.75
1458	“ “ azure blue, wilt resistant.....	.25	.50	1.75
1459	“ “ purple, wilt resistant .....	.25	.50	1.75
1464	California Giant, very tall, branching. Comet type flowers, late, mixed .....	.15	.60	2.00
1474	Super Giant Los Angeles, largest and most double Aster, soft shell pink.....	.25	1.00	.....
1475	Sunshine, half single, cushioned center of small quilled petals, mixed .....	.10	.30	1.00
1480	Giant California Sunshine, new, much larger flowers, mixed .....	.25	.60	.....
1535	Ball's White, early, wilt resistant.....	.25	.50	1.75
1536	“ “ late, wilt resistant .....	.25	.50	1.75
1538	King, Upright Branching, mixed, wilt resistant.....	.10	.50	.....
1490	Elegans, single, mixed, good for cut-flowers.....	.05	.15	.40
1539	Single, mixed, wilt resistant.....	.10	.30	.....

Sow Asters under glass in late March and have plants ready to set out in late May. Or sow seeds in open ground after the middle of May.

p ASTER—Perennial Varieties (Michelmas Daisy)

1540	Alpinus, blue, early blooming, 10 in.....	.10	.75	.....
1541	Bessarabicus, violet blue .....	.25	2.00	.....
1542	Delavayi, blue, ray florets, black disc.....	.25	2.00	.....
1544	Farreri, violet mauve, orange center, 18 in.....	.25	1.50	.....
1546	Nova Anglia, New England Aster, mixed.....	.10	.80	.....
1548	Subcoeruleus, Florist Delight, lavender blue, yellow disc, perpetual blooming.....	.25	1.25	.....
1550	Yunnanensis, lilac, early blooming.....	.25	2.00	.....
1553	Mixed, double .....	.10	1.00	.....
1554	Largeflowered varieties, mixed.....	.25	.....	.....

g ASPARAGUS

1365	Plumosus .....	.10	.30	1.00
1366	Plumosus nanus, imported European seed.....	\$1.25	per 1000 seeds	
1367	Sprengeri .....	.10	.25	.80

An oz. contains about 700 seeds.

pr ASPERULA

1374	Odorata (Sweet Woodruff) .....	.10	.30	.....
	Very fragrant foliage, prefer shady place.			
1375	Setosa Azura, blue Woodruff.....	.05	.10	.....

pr AUBRIETIA (about 5 inches high)

1565	Bouganvillei, violet .....	.25	.....	.....
1566	Eyrii, blue .....	.25	.....	.....
1567	Leichtlini, rose carmine .....	.25	.....	.....
1569	Large flowered Hybrids, mixed.....	.15	1.00	.....

Sow under glass in Spring or early summer or in a box or frame.

a BALSAM

1578	Double Camelia-flowered, mixed .....	.05	.20	.60
	In separate colors; 1580 crimson, 1581 chamois, 1582 light lemon, 1583 scarlet, 1584 white, 1585 salmon, 1586 dark blue, each.....	.10	.20	.....
1587	Dwarf varieties mixed .....	.10	.20	.60
1588	Bush Flowered, new, flowers more protruding, short compact habit .....	.10	.40	.....

Sow in early March under glass, put in small pots and set in garden in early June, or put in larger pots for Pot-plants.

		Pkt.	¼ Oz.	Oz.
p BAPTISIA (False Indigo)				
1590	Australis, 3 ft. tall, bushy, Lupin-like blue flowers.....	.10	.30	.....
a BARTONIA				
1595	Aurea, 12 inches, clear yellow..... <i>Sow in open ground in May.</i>	.05	.15	.....
a BEANS				
1598	Scarlet Runner, red-flowered, climbing.....	.05	.....	.....
g BEGONIA, tuberous rooted				
1605	Hybrida Grandiflora Crispa, frilled edges, mixed $\frac{1}{32}$ oz. \$2.50	.25	.....	.....
1606	Double, very choice colors, large-flowered.....	.25	.....	.....
1607	Multiflora fl. pl., coppery gold, double.....	.35	.....	.....
1608	" " Helen Harms, double yellow.....	.35	.....	.....
g BEGONIA, fibrous rooted				
1610	Albert Martin, bright carmine..... $\frac{1}{32}$ oz. \$1.50	.25	.....	.....
1612	Erfordia, light rose $\frac{1}{32}$ oz. \$1.50	.25	.....	.....
1613	Fiery Sea, bright red, dwarf compact..... $\frac{1}{32}$ oz. \$2.50	.25	.....	.....
1614	Red Riding Hood, dark salmon rose..... $\frac{1}{32}$ oz. \$5.00	.50	.....	.....
1615	Pink Danish, brilliant rose, large flowered. Excellent for pots or bedding..... $\frac{1}{32}$ oz. \$2.50	.25	.....	.....
1617	Gustav Knaake, salmon pink..... $\frac{1}{32}$ oz. \$2.00	.25	.....	.....
1618	Gracilis Luminosa, scarlet, dwarf, dark leaved $\frac{1}{32}$ oz. \$1.75	.25	.....	.....
1621	Roi des Parternes, white large flowered..... $\frac{1}{32}$ oz. \$2.50	.25	.....	.....
BELLIS (English Daisy)				
1627	Moonlight, new yellow.....	.35	.....	.....
1628	Snowball, white $\frac{1}{32}$ oz. \$1.50	.25	.....	.....
1629	Longfellow, dark rose $\frac{1}{32}$ oz. \$2.50	.25	.....	.....
1631	Vesuvia, ruby red..... $\frac{1}{32}$ oz. \$5.00	.50	.....	.....
1632	Mixed $\frac{1}{32}$ oz. \$2.50	.25	.....	.....
1636	Monstrosa, white $\frac{1}{32}$ oz. \$2.00	.25	.....	.....
1637	" pink $\frac{1}{32}$ oz. \$2.00	.25	.....	.....
1638	" Etna, deep rose $\frac{1}{32}$ oz. \$2.00	.25	.....	.....
1640	" mixed $\frac{1}{32}$ oz. \$1.75	.25	.....	.....
1642	Chevrouse strain, mixed, should be good for small pots <i>Low growing, free-flowering, double Daisies which are perennials in warm climates, but here, should be used as annuals. For Spring blooming, they should be seeded in January or February and can be set in the garden in early May. The Monstrosa and Gigantea makes a very good cut- flower, except the stem is only 4 to 6 in. long.</i>	.15	.80	.....
a BIDENS (The Black Dahlia)				
1650	Atrosanguinea, Cosmos-like, dark red flowers, about 18 in. tall $\frac{1}{32}$ oz. \$1.50	.25	.....	.....
1651	Humilis, yellow. Resembles a miniature cosmos..... $\frac{1}{32}$ oz. \$1.50	.25	.....	.....
<i>Sow in March under glass, or in the open ground in May.</i>				
p BOCCONIA (Plume Poppy)				
1654	Cordata, ornamental, grey-green foliage.....	.10	.20	.....
p BOLTONIA (False Chamomile)				
1660	Asteroides, white, very late flowering, 4-6 ft.....	.10	1.00	.....
1661	Glastifolia, white or flesh colored.....	.10	.30	.....
1662	Latisquama, mauve pink $\frac{1}{32}$ oz. \$1.75	.25	.....	.....
<i>Sow in late Spring for next year's plants.</i>				

a BRACHYCOME (Swan River Daisy)

	Pkt.	¼ Oz.	Oz.
1666 Iberidifolia, blue, 10 inches.....	.05	.20	.60

Sow in open ground in late May.

BROWALLEA

1678 Elata, white .....	.10	.30	.....
1679 Elata, blue, pretty blue annual. Can be sown in open ground in May .....	.10	.30	.....
1680 Speciosa Major, large, deep blue, Petunia-like flowers .....	.25	.....	.....
1682 " " white	1.00	.....	.....
1681 Viscaria Compacta Sapphire, small fld. blue.....	.25

a CACALIA (Tassel Flower)

1686 Mixed, yellow and scarlet.....	.10	.25
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Sow in open ground in May or under glass earlier.

CACTUS

1683 10 Different Succulents.....	10 seeds of each for \$2.00
1684—5 Free-flowering Varieties, bloom 1 to 2 years after seeding	10 seeds of each for 80c
1687 50 Separate Named Varieties.....	10 seeds of each for \$3.50
1688 Different Varieties, mixed.....	.25
1689 10 Separate Named South American Varieties..	10 seeds of each for \$2.00

g CALCEOLARIA

1690 Hybrida Grandiflora Nana, tigered, large-fld. dwarf compact plant	1.00	.....	.....
1691 Small packet .....	.25	.....	.....
1692 Hybrida Grandiflora Nana, half dwarf.....	1.00	.....	.....
1693 Small packet .....	.25	.....	.....
1694 Rogusa, mixed .....	.50	.....	.....
1695 Mexicana, pale yellow.....	.25	.....	.....
1696 Hybrids Unicolor, yellow shades.....	1.00	.....	.....

For winter or spring blooming, sow in July or August.

a CALENDULA (Pot Marigold)

1697 Ball's Orange, long stems.....	.10	.30	1.00
1698 " Gold, deep golden yellow.....	.10	.30	1.00
1699 " Supreme, light orange .....	.10	.30	1.00
1707 " white .....	.10	.30	.....
1700 Campfire (Sensation), orange with scarlet sheen.....	.10	.30	1.00
1701 Dania, deep orange, dark center, if any.....	.10	.20	.60
1702 Lemon Queen, light yellow .....	.05	.15	.50
1703 Orange King, bright orange .....	.10	.20	.60
1704 Orange Shaggy, lacinated or twisted petals, distinct type of this popular flower.....	.10	.20	.60
1705 Radio, orange, globular flowers, quilled petals.....	.10	.20	.60
1706 Apricot Queen .....	.10	.40	.....
1708 Mixed .....	.05	.10	.25
1709 Tom Thumb Mixture, low growing, new.....	.10	.40	.....
1712 Sunshine, bright golden yellow. Resembles a Japanese Chrysanthemum, some growing 2 ft. tall, narrow dark green leaves, long stiff stems.....	.10	.20	.60
1713 Sunshine, Orange, New.....	.10	.20	.60

For Summer blooming, sow in open ground in May. Plants should be at least 6 in. apart.

a CALLIOPSIS

1716 Bicolor Marmorata, yellow and brown, 2 ft.....	.10	.20	.50
1717 " Nana, brown, red and yellow, 1 ft.....	.05	.15	.35
1718 " Hybrida, fl. pl. half double, 2 ft.....	.10	.20	.50
1719 Crimson King, 1½ ft.....	.10	.20	.50
1720 Golden Ray, star-shaped, 1 ft.....	.10	.20	.50

CALLIOPSIS—Continued

	Pkt.	¼ Oz.	Oz.
1721 Golden Wave, yellow, 1½ ft.....	.10	.20	.50
1722 Golden Crown, large flowered, golden yellow with maroon center, new.....	.10	.20	.60
1724 Mixed05	.10	.30

Sow in May in open ground.

pr CALLIRHOE

1728 Involucrata, crimson15	1.00
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Sow in late Spring and transplant in early Fall.

a CANDYTUFT

1780a Empress, white10	.15	.40
1779 Empress Nana, dwarf form of Empress.....	.10	.25	.....
1781 Giant Hyacinth-flowered, white .....	.10	.15	.50
1782 Lilacina, lilac .....	.10	.15	.40
1783 Purpurea, crimson .....	.10	.15	.40
1784 Rose Cardinal, rose pink.....	.10	.15	.50
1789 Mixed .....	.05	.10	.25
1790 Dwarf Hybrids, mixed .....	.10	.15	.40

Sow in open ground in May or later.

p CANDYTUFT

1795* Gibraltarica, lilac, large-flowered.....	.10	.35	.....
1796* Sempervirens, white .....	.10	.40	.....
1797* Tenoreana, lilac to white .....	.10	.20	.....

Sow in late Spring and transplant in early Fall.

CAMPANULA

1730 Annual Canterbury Bell, Wedding Bell, pure white....	.10	.35	.....
1731 " " " Mission Bell, pink.....	.10	.35	.....
1732a " " " mixed .....	.10	.30	.....
1733 " " " Angelus Bell, rose.....	.10	.35	.....
1734 " " " Liberty Bell, blue.....	.10	.35	.....
1735 " " " Blue Bell, cambridge blue....	.10	.35	.....

Sow under glass in February or March for blooming in August.

1736* Carpathica (Hare Bell), blue, 10 inches.....	.10	.40	.....
1737 Fragilis, pale blue, trailing, fine for baskets.....	.50	.....	.....
1739p Lactiflora Coerulea, light blue, 2 ft.....	.10	1.00	.....
1741p Macrantha, blue, 2 ft.....	.10	.40	.....
1744b Medium (Canterbury Bell), mixed, single .....	.05	.20	.....
1745 " white .....	.05	.20	.....
1746 " rose .....	.05	.20	.....
1747 " blue .....	.05	.20	.....
1748 " lilac .....	.05	.20	.....
1750b " fl. pl. double, mixed.....	.10	.25	.....
1754b Calycanthema (Cup and Saucer), mixed.....	.10	.40	.....
1755 " white .....	.10	.40	.....
1756 " rose .....	.10	.40	.....
1759 " blue .....	.10	.40	.....
1764p Persicifolia Coerulea, fl. pl. blue, Telham Beauty.....	.25	.....	.....
1768p Pyramidalis, blue (Chimney Bell).....	.10	.50	.....
1771* Pusilla, light blue, creeping .....	.50	.....	.....
1774* Rotundifolia (Blue Bell) .....	.25	.....	.....

Sow in late May or June. The Bi-annuals need protection over winter.

CANARY BIRD VINE

2793 Tropaeolum Canariensis, yellow flowered climber.....	.05	.10	.30
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a CARDINAL CLIMBERS

1801 Ipomoea, Quamoclit Hybrids, fern like foliage, numerous bright scarlet flowers.....	.10	.25	.80
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Sow in open ground in May or sow in small pots in April, and set out when danger of frost is passed.

a CARDIOSPERMUM

	Pkt.	¼ Oz.	Oz.
1802 Balloon Vine, fast climber.....	.05	.....	.25

CARNATION

1808 Hardy Garden Carnation, mixed.....	.10	.40	.....
1810 Margarete, mixed colors .....	.10	.30	1.00
1812 King of the Blacks, very deep red.....	.10	.50	.....
1815 Chabaud Giants, mixed, large flowers, early blooming	.10	.60	.....
1816 " White .....	.25	.75	.....
1817 " Yellow .....	.25	.75	.....
1818 " Cardinal Red .....	.25	.75	.....
1819 " Rose .....	.25	.75	.....
1825 Enfant de Nice, mixed , earliest large carnation. Blooms about 4 months after seeding and has over 90% double flowers. Stiff strong stems and flowers as large greenhouse carnations.....	.25	1.25	.....
In separate colors, 1826 white , 1827 salmon , 1828 rose , 1829 red , each.....	.50	.....	.....
1835 Allwoods Pedigree Perpetual Carnation , mixed.....	.35	.....	.....
<i>Sow Carnation under glass in February or March and plant outside in late May or early June.</i>			

p CASSIA (Indian Senna)

1840 Marylandica, showy yellow flowers.....	.10	.40	.....
<i>Not hardy, must be kept in Greenhouse over winter.</i>			

CATANANCHE (Everlasting)

1845 Coerulea, blue, 2 ft.....	.10	.40	.....
<i>Half hardy perennial. If seeded early will bloom the first season.</i>			

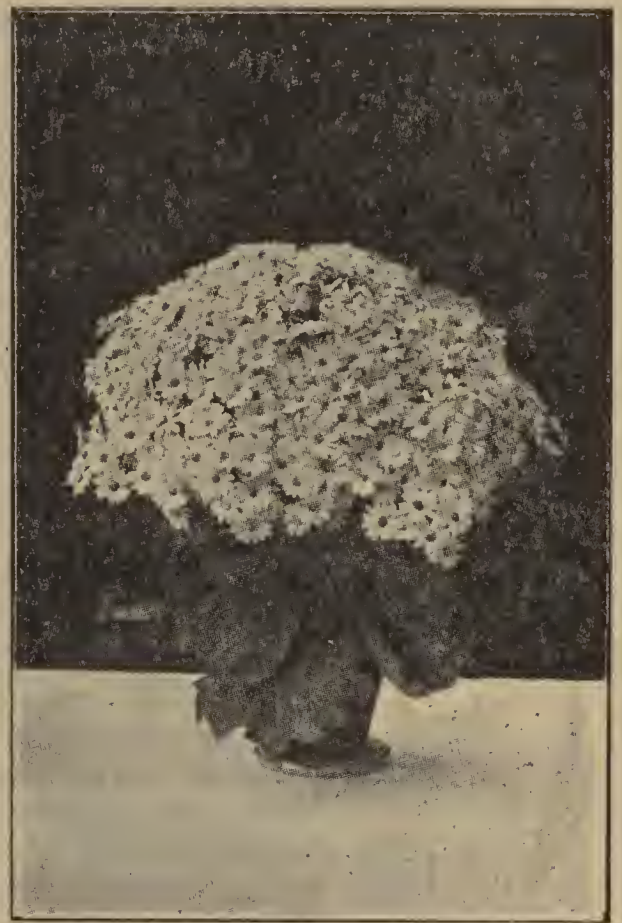
a CELOSIA

1851 Cristata Nana, Cockscomb, dwarf, mixed.....	.10	.60	.....
1852 Chrysanthemiflora, large-flowered, tall .....	.10	.50	.....
1853 Flame of Fire, compact growth, bright colored.....	.25	.....	.....
1855 Plumosa Thompsoni Magnifica, large-flowered, mixed	.05	.25	.80
1857 Pride of Castle Gould, beautiful red shades.....	.10	.60	.....
1859 Spicata, tall, bright rose changing to silvery white.....	.10	.30	.....
1860 Lilliput, Firebrand, glowing scarlet, 8 in.....	.25	.80	.....
1861 " Golden yellow .....	.25	.80	.....
1862 " mixed .....	.25	.80	.....
1863 Childsii, Chinese woolflower, mixed.....	.10	.40	.....
<i>Sow in February under glass and set out in open ground when danger of frost is over. Plumosa pyramidalis can be sown in open ground in May. The Lilliput and Cristata varieties makes good pot plants.</i>			

CENTAUREA

1867a Americana, lilac, very large flowered.....	.10	.15	.40
1868 " white .....	.10	.15	.50
<i>Sow in open ground in May.</i>			
1871 Candidissima, best variety of Dusty Miller.....	.10	.40	1.50
<i>Sow under glass in January or February.</i>			
1875a Cyanus (Corn Flower or Bachelor Button), double mixed .....	.05	.10	.30
1876 " double, rose, very good color.....	.05	.15	.40
1877 " " white .....	.05	.15	.40
1878 " " blue, fine Florist's strain.....	.05	.15	.40
1879 " " carmine .....	.05	.15	.40
1880 " " maroon .....	.05	.15	.40
1882 " Jubilee Gem, Novelty, Dwarf form, double blue	.15	.50	.....
<i>Sow in open ground in May or June.</i>			
1885a Gymnocarpa, Dusty Miller .....	.10	.15	.50
<i>Sow under glass in March.</i>			

CENTAUREA—Continued		Pkt.	¼ Oz.	Oz.
1889a	Imperialis (Sweet Sultan), mixed, sweet scented.....	.05	.15	.50
1890	“ white .....	.10	.20	.60
1891	“ brilliant rose .....	.10	.20	.60
1892	“ amaranth red .....	.10	.20	.60
1893	“ deep lavender .....	.10	.20	.60
1894	“ purple .....	.10	.20	.60
1898	Suaveolens, yellow .....	.10	.20	.60
Sow in open ground in May or June.				
1902p	Dealbata, pink .....	.10	.40	.....
1903p	Macrocephala, golden yellow, 2½ ft.....	.10	.30	.....
1906p	Montana, corn-flower, blue, large flowers, 1½ ft.....	.10	.20	.....
1907p	“ white .....	.10	.25	.....
Sow in open ground in May or June. Transplant in early Fall.				
p CEPHALARIA				
1912	Alpina, yellow, 6 ft. Resembles Scabiosa, blooms in late Summer .....	.10	.25	.....
Sow the seeds in Spring or Fall.				
pr CERASTEUM (Snow in Summer)				
1916	Tomentosum, silvery white foliage, white flowers, creeping habit .....	.10	.....	.....
Sow in Spring and transplant when large enough to move.				
CHEIRANTHUS				
1919br	Allionia Golden Bedder, new, yellow companion to the orange .....	.10	.20	.....
1920br	Allioni, orange (Siberian Wallflower), 8 inches.....	.05	.20	.....
1921a	Maritimus (Virginian Stocks), mixed.....	.05	.10	.25
Sow in open ground in Spring.				
p CHELONE				
1925	Barbata Hybrida praecox, pink to coral red. 3-4 ft. early flowering. Resembles a small flowered Penstemon .....	.10	.25	.80
Sow in May or June.				
CHRYSANTHEMUM				
1930a	Carinatum mixed, 1½ ft., various colors, mostly with yellow or white rings near center of flower.....	.05	.10	.30
1931	Carinatum Chameleon, brown and yellow.....	.10	.15	.40
1933	“ Burridgeanum, white and crimson with yellow ring .....	.10	.15	.40
1934	“ Northern Star, giant white, yellow ring .....	.10	.15	.40
1936	Nivellii, single yellow, free-flowering.....	.10	.20	.60
1938a	Coronarium, mixed, 2 ft. bushy habit, yellow and white, double .....	.05	.10	.30
1939a	Segetum, Morning Star, single, light yellow daisy.....	.05	.15	.40
1941	“ Eastern Star, light yellow with dark center .....	.05	.15	.40
1942	“ Golden Glory, clear yellow Margarite.....	.10	.20	.....
1943	“ Zebra, mahogany tip, yellow towards center, new .....	.25	.....	.....
1944a	Inodorum, Bridal Robe, double, pure white, feathery foliage, bushy habit .....	.10	.40	.....
Sow the above Chrysanthemums in open ground in May.				
1947	Indicum, fl. pl. double, early blooming, similar to greenhouse Chrysanthemum .....	.25	.....	.....
1948	Japonicum, dwarf, single and half double.....	.25	.....	.....
1949	Japonicum Cascade, mixed, drooping branches.....	.25	.....	.....
1950	Mawii, hardy pink .....	.25	.....	.....
Sow under glass in February and transplant to open ground in May. Some of the plants usually survive the winter.				
1952	Leucanthemum Snowdrift, dwarf compact form of Shasta Daisy .....	.10	.60	.....



CINERARIA MULTIFLORA

At Left: CINERARIA HYBRIDA
GRANDIFLORA MAXIMA NANA



CALENDULA DANICA

CHRYSANTHEMUM—Continued—

		Pkt.	¼ Oz.	Oz.
1953p	Leucanthemum (Shasta Daisy), Alaska, re-selected strain .....	.10	.40	1.25
1954	“ White Lady , double, early.....	.25	3.00	.....
1955	“ Secundum , early* blooming.....	.10	.25	.80
1956	“ The Speaker , large-flowered.....	.10	.30	1.00
1958	“ Ostrich Plume , lacinated petals.....	.10	.60	.....
1959	“ Diener's Giant Double Shasta Daisy....	.25	3.00	.....
1960	Sibericum , hardy, white Siberian.....	.10	.60	.....

Sow in open ground in May or June.

CIMICIFUGA

1961	Cordifolia , 4—5 ft. high, perennial.....	.25
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a CINERARIA

1965a	Candicans , new, Dusty Miller, white leaves.....	.10	.80
<i>Sow in February-March under glass for Bedding Plants.</i>				
1968	Hybrida Weissensee strain , medium dwarf plant, size of flowers between the multiflora and the maxima nana, heavy bloomer	1.00	.....	.....
1969g	Hybrida Grandiflora Maxima Nana , dwarf, large-flowered, extra choice strain .....	.25	.....	.....
1970	Packet of 1000 seeds, \$1.00			
1967	Cremers Prize Mixture	1.50	.....	.....
1971g	Multiflora Nana , small-flowered, dwarf, extra choice mixture .....	.25	.....	.....
1972	“ “ Packet of 1000 seeds \$1.00			
	“ “ in separate colors			
1974	Azure Blue , 1975 Rose Salmon , 1976 Crimson Red , 1977 Bloodred , each Pkt. of about 1000 seeds.....	1.00	.....	.....
1973	Hybrida Nana Bi-Colored , white center, mixed colors	.50	.....	.....
<i>For winter blooming, sow in July or August. An easy pot plant to grow as it prefers cold temperature.</i>				

CHORIZANTHE

1927	Palmeri , “Turkish Rug,” odd, low-growing. Statice-like plant, uneven shadings resembling a Turkish Rug. Should be useful for Rock Gardens.....	.10	.50
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a CLARKIA

1984	Elegans , fl. pl. double, mixed, 1½ ft.....	.05	.15	.50
1985	“ Salmonea Perfecta , very fine clear color.....	.10	.20	.60
1986	“ Glorious , scarlet .....	.10	.20	.60
1987	“ Purple Prince .....	.10	.20	.60
1989	“ White .....	.10	.20	.60
1990	“ Vesuvius , orange scarlet .....	.10	.20	.60

Sow in open ground in May or June.

pc CLEMATIS

1994	Recta grandiflora , white cluster, 4 ft. tall. Not a climber	.15	.50	.....
1995	Paniculata , white, small-flowered, shrubby climber.....	.10	.20	.....
1996	Flammula .....	.10	.20	.....
1997	Large-flowered varieties , mixed .....	.25	.....	.....

a CLEOME (Spider Plant)

2002	Pungens Rose Queen , pink, 3 to 4 ft.....	.10	.20	.....
2003	“ white .....	.10	.....	.....

Sow in March under glass and plant in open ground in May or June.

a COBAEA (Cathedral Bell)

2007	Cobaea, Scandens , purple10	.15	.50
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Sow under glass in March in pots.

a COLEUS		Pkt.	¼ Oz.	Oz.
2016	Hybridus, small-leaved, mixed10	1.00
2017	Rainbow Mixture, large-leaved .....	.25	2.00	.....
2019	Colosse des Pyrenees, large-leaved, red and white.....	.25	.....	.....
2020	Harlequin, red, white and green.....	.25	.....	.....
2021	Glorie de Vichy, new fancy largeleaved.....	.25	.....	.....

Sow under glass in February for bedding plants.

a CONVOLVULUS				
2024	Minor, mixed, Dwarf Morning Glory.....	.05	.....	.15

Sow in open ground in May.

p COREOPSIS				
2030	Lanceolata Grandiflora Fl. Pl., half-double yellow.....	.05	.20	.60
2031	Auriculata Superba, yellow with brown band around center .....	.15	.40	.....
2032	Mayfield Giant, larger flowers, larger stems, golden yellow .....	.10	.25	.80
2033	New Gold, double, large fluffy flowers.....	.10	.30	1.00

Sow in open ground in Spring and set in permanent place in early Fall or Spring.

pr CRUCIANELLA				
2064	Stylosa, rose .....	.10	.....	.....

a CUCURBITAE, Ornamental Gourds				
2068	Mixed, large and small varieties.....	.05	.10	.20

a CUPHEA (Fire Cracker or Cigar Plant)				
2072	Platycentra, orange red with yellow tip.....	.25	.....	.....

For Pot Plants or Window Boxes. Sow in early winter in a warm place. Can be carried over winter in Greenhouse.

a COSMOS				
2037	Early Express Pink.....	.10	.25	.....
2038	" " Crimson .....	.10	.25	.....
2039	" " White .....	.10	.25	.....
2040	" " Mixed .....	.10	.25	.....

Blooms in less than 2 months from seed. Flowers medium size, plants half tall.

2044	Early-flowering Mammoth, mixed, large-flowered.....	.05	.15	.50
2045	" " " white .....	.05	.15	.50
2046	" " " pink .....	.05	.15	.50
2047	" " " crimson .....	.05	.15	.50
2049	Sensation, new, very large, blooms 8 to 10 weeks after seeding. Flowers 4 to 6 inches across, long strong stems .....	.10	.25	1.00
2050	Sensation, Purity, white .....	.25	.75	2.50
2051	" Pinkie, pink .....	.25	.75	2.50
2052	Double Crested, mixed.....	.15	.60	.....
2053	" " white .....	.25	.60	.....
2054	" " pink .....	.25	.60	.....
2055	" " crimson .....	.25	.60	.....
2062	Klondike Orange Flare, new early-blooming, beautiful clear orange .....	.10	.30	1.00
1651	Miniature Yellow .....	.10	.15	.....

Sow under glass in late March and set out in late May or early June, or sow in open ground after middle of May.

g CYCLAMEN, German or Danish Grown Seed		Pkt.	100 Seeds	1,000 Seeds
2078	pure white .....	.25	.80	7.00
2079	white with carmine eye.....	.25	.80	7.00
2080	pink .....	.25	.80	7.00
2082	bright rose .....	.25	.80	7.00
2083	bright red .....	.25	.80	7.00
2085	Glory of Wandsbeck, deep salmon.....	.35	1.00	8.00
2086	Rose of Wandsbeck, light salmon.....	.35	1.00	8.00

CYCLAMEN—Continued

	Pkt.	100 Seeds	1000 Seeds
2088 Pearl of Zehlendorf, clear salmon.....	.40	1.25	10.00
2089 Orange Scarlet .....	.50	1.50	14.00
2094 All colors mixed .....	.25	.80	7.00
2095 Odorato, mixed, new, highly fragrant.....	.25	1.25	.....

Cyclamen are mostly sown in August in Greenhouses.

a CYNOGLOSSUM

	Pkt.	¼ Oz.	Oz.
2099 Amabile, blue, Chinese Forget-me-not.....2 ft.	.05	.15	.40
2101 Linifolium, white, a very useful flower for cutting.....	.05	.10	.20
2102 Amabile, pink .....	.10	.25	.80
2103 " Fairy Blue, Cambridge Blue.....	.10	.15	.50
2104 " White .....	.10	.15	.50

Sow in open ground in May or later. Amabile should be spaced at least 8 in. apart. The other two should not be thinned out as they do better when close together.

ac CYPRESS VINE

2106 Ipomoea Quamoclit, mixed05	.10	.30
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Sow in small pots in early April or in open ground in late May. A quick growing climber, small foliage, many flowers.

a DATURA (Trumpet Flower)

2123 Wrightii, Angels Trumpet, white, heavy, bushy growth, long trumpet-like flowers.....	.10	.20	.....
2124 Fastuosa, fl. pl. double trumpet, mixed.....	.10	.20	.....

Sow in small pots in late March and set out when danger of frost is over, or sow in open ground in late May. The plants should be spaced 1½ to 2 feet apart.

p DELPHINIUM

2131 Belladonna, Cliveden Beauty, light blue.....	.10	.60	2.00
2133 Bellamosum, dark blue Improved strain.....	.10	.60	2.00
2135 Cardinale, scarlet .....	.10	.70	.....
2137 Chinensis Grandiflorum, Chinese Larkspur, clear blue 3 feet .....	.10	.20	.70
2138 Chinensis, Butterfly, blue, 2 feet.....	.10	.40	.90
2139 " white .....	.10	.40	.....
2140 " reddish lilac .....	.10	.40	.....
2141 " Cambridge Blue, light blue, 3 ft.....	.10	.40	.....
2142r " Tom Thumb, deep blue, 1 ft.....	.10	.30	.....
2143 " Porcelain Blue .....	.10	.50	.....
2148 Hybridum, single mixed, prize strain.....	.10	.50	1.60
2149 " double, mixed choice.....	.10	.60	2.00
2152 " Blackmore & Langdon strain, large-flowered, very choice colors, tall.....	.20	.80	3.00
2153 " Monarch strain, very choice selection.....	.25	1.25	4.00
2156 " Selecta, extra choice double Hybrids.....	.25	1.50	5.00
2158 " Wrexham or Hollyhock strain, mixed.....	.25	1.50	.....
2159 " " deep blue shades.....	.50	2.00	.....
2160 " " medium blue shades.....	.50	2.00	.....
2161 " " light blue shades .....	.50	2.00	.....
2162 " " Art shades .....	.50	2.00	.....
2165 " Iceberg, white-flowered .....	.35	2.00	.....
2169 Nudicaule, red .....	.25	.....	.....
2170 Sulphureum, (Zalil) yellow .....	.50	.....	.....
2171 " Candelabrum, new, flowers set closer.....	.35	.....	.....

The Chinensis varieties will bloom the first season if sown under glass not later than March. The other varieties can be sown in May or June and transplanted as soon as large enough. Should give good satisfaction the following Summer. Cardinale, Nudicaule and Sulphureum are very doubtful for wintering over in this vicinity, but farther south they should be hardy. The Blackmore and Langdon strain, Selecta and Wrexham, are especially recommended as the best to be had in Hardy Delphinium. For annual Delphinium see Larkspur.

DAHLIA

		Pkt.	¼ Oz.	Oz.
2110	Selecta , saved from a special collection of the largest flowered varieties .....	.25	2.00	.....
2111	Cactus-flowered, double mixed . Very choice collection .....	.25	1.75	.....
2112	Collarette , mixed, single with a ring of petals around the center .....	.10	.40	.....
2113	Colossal , very large single .....	.10	.50	.....
2114	Coltness Hybrids , 1½ ft. ....	.25	.60	.....
2116	Pigmy, (Mignon) , very dwarf mixed.....	.10	.30	.....
2117	Pompon , mixed, double, small-flowered.....	.25	1.25	.....
2118	Unwin's Dwarf Hybrids, Semi-Double and Single . Highly recommended for bedding Dahlia.....	.25	.60	.....

Sow in March and set the plants in open ground in early June. Nearly all will bloom the same summer and the desired tubers can be dug up and stored over winter.

DIASCIA

2215	Barbarae , coppery rose25
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p DICTAMNUS

2224	Fraxinella , red (Gas Plant).....	.25	.50
2225	“ white25	.50

Sow in Spring or Fall. Slow germinating, hard seed.

a DIDISCUS

2228	Coeruleus , blue, Lace Flower, resembles scabiosa.....	.10	.25	.80
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Sow in pots, under glass in early March, or in open ground in May. Slow to grow.

DIANTHUS

2176pr	Allwoodii , very large-flowered, half hardy.....	.25	.....	.....
2179p	Barbatus , (Sweet William), single, mixed.....	.05	.15	.50
2180	“ pure white .....	.10	.20	.....
2181	“ auricula eyed , very large flowers.....	.10	.20	.....
2182	“ Harlequin , red and pink.....	.10	.20	.....
2183	“ dazzling red .....	.10	.20	.....
2184	“ Pink Beauty (Newport Pink) salmon rose .....	.10	.20	.....
2186	“ fl. pl., double, mixed.....	.05	.30	1.00
2188a	“ Chinensis , Annual Sweet William, mixed....	.05	.20	.60
2190*	Caesius (Cheddar Pink) light rose, 3 in.....	.10	.40	.....
2192ar	Chinensis fl. pl. double, Chinese Pinks, bright colors .....	.05	.15	.50
2194*	Deltoides , Maiden Pinks, bright carmine flowers, 6 in. ....	.10	.50	.....
2196ar	Heddewigii , double, mixed, very bright colors, 12 in....	.05	.20	.60
2197	“ single, mixed , very bright colors.....	.10	.20	.....
2198	“ Salmon Queen , single, large flowers.....	.10	.30	.....
2199	“ King , double .....	.10	.30	.....
2200	“ Mourning Cloak , double, purple with white margin .....	.10	.30	.....
2201	“ Eastern Queen , single, rose.....	.10	.30	.....
2202ar	“ Fireball , fiery scarlet double.....	.10	.40	.....
2203	“ Salmon shades (carnation flowered).....	.10	.20	.....
2205	“ Splendens , bright scarlet, white center, single .....	.10	.40	.....
2204p	Hybridus Latifolius Atro-coccineus , double, scarlet....	.10	.30	.....
2206p	Sweet Wivelsfield , like an everblooming Sweet William .....	.10	.30	.....
2209*	Plumarius , fl. pl. mixed (Clove Pink).....	.10	.35	1.25
2211	Loveliness , fine lacinated or feathered flowers, mixed colors .....	.35	.....	.....

The annual varieties can be sown in open ground in May or under glass in March for early blooming. The perennial varieties can be sown in May or later outside for next year's flowers.

		Pkt.	¼ Oz.	Oz.
b DIGITALIS (Foxglove)				
2235	Gloxiniaflora, mixed .....	.05	.20	.....
2237	The Shirley, large-flowered, light colors, 5 ft.....	.10	.25	.....
<i>Sow in early summer for next year's flowers.</i>				
a DIMORPHOTHECA				
2243	Aurantiaca, African Orange Daisy, 1 ft.....	.10	.25	.80
2244	" Hybrids, orange and yellow.....	.05	.20	.....
2245	Pluvialis ringens, white with purple zone.....	.10	.40	.....
<i>Sow in open ground in May.</i>				
p DORONICUM				
2248	Caucasicum, yellow .....	.25	.....	.....
2249	Pardalianches, Bunch of Gold, canary yellow, long stemmed .....	.35	.....	.....
<i>Needs good protection over winter. Should be useful as cut- flowers for winter or spring in greenhouses.</i>				
g DRACEANA				
2252	Indivisa .....	.10	.20	.60
2253	Australis, more broad leaves.....	.10	.25	.80
p ECHINOPS				
2258	Ritro, blue, Globe Thistle.....	.10	.15	.40
<i>The dried pods are used for winter bouquets.</i>				
pr EDELWEISS				
2259	Leontopodium Alpinum, white .....	.25	.....	.....
p EREMURUS				
2262	Robustus, 8 ft. small pink flowers set along the stalk, 100 seeds 50c			
<i>Not hardy in this vicinity unless great care is taken to pro- tect them in winter.</i>				
p ERIGERON				
2266	Speciosus Grandiflorus, rosy lilac.....	.15	.60	.....
2267	Hybridus semiplenus, semi-double .....	.25	.....	.....
<i>Sow in late spring or early summer.</i>				
pr ERINUS				
2269	Alpinus, violet red, 6 inches.....	.25	.....	.....
p ERYNGIUM (Sea Holly)				
2274	Alpinum, blue .....	.10	.60	.....
2275	Planum, blue .....	.05	.15	.40
<i>Sow in late spring for next year's flowers. Can be dried for winter bouquets.</i>				
br ERYSIMUM				
2281	Dwarf Compact, golden yellow .....	.05	.20	.....
<i>Will bloom first season if seeded early.</i>				
a ESCHOLTZIA (California Poppy)				
2286	California, pure yellow .....	.05	.10	.25
2287	Orange Flame, orange scarlet .....	.05	.25	.80
2290	Hybrids, many varieties, mixed, erect growing.....	.05	.20	.60
2291	Brilliant mixed, spreading habit.....	.05	.10	.20
2292	Double Choice Mixed, double and semi-double.....	.10	.30	1.00
<i>Sow in open ground in late May or June.</i>				
p EUPATORIUM				
2294	Fraseri, white .....	.10	.25	.....
2295	Ageratoides, white .....	.10	.50	.....
2296	Purpureum, wine purple .....	.25	.80	.....
<i>Sow in open ground in Spring or Summer.</i>				

		Pkt.	¼ Oz.	Oz.
EUPHORBIA				
2301a	Heteraphylla (Mexican Fire Plant), Top of plant turns red in late summer.....	.10	.20	.....
2302*	Polychroma, bronze yellow clumps, green foliage.....	.25	1.50	.....
2303a	Variegata, Snow on the Mountain, Top of plant turns white .....	.10	.15	.50
<i>Sow the Variegata in open ground in Spring; Polychroma in Spring or Summer and Heteraphylla in open ground in May or under glass in pots in March, as it does better when given an earlier start.</i>				
EXACUM				
2305	Affine, blue, for pots.....	.25	.....	.....
a FELICIA				
2306	Bergeriana, King Fisher Daisy, blue with yellow disc..	.25	.....	.....
FRANCOA				
2307	Ramosa Hybrids, (Bridal Wreath), white.....	.25	.....	.....
FREESIA				
2304	Tubergeni Hybrids, fine mixture, large flowered, blooms 10 months after seeding.....	.25	.60	2.00
2305	Regina Maria .....	.25	.60	.....
p GALEGA				
2321	Bicolor Hartlandi, white and lilac.....	.10	.25	.....
GERANIUM				
2326	Zonale, mixed, large flowered.....	.10	.60	.....
p GERBERA, (Transvaal Daisy)				
2325	Jamesoni Hybrida, beautiful cut-flower. Not hardy in this vicinity, 100 seeds .50			
GAILLARDIA (Blanket Flower)				
2308a	Indian Chief, bronze red, single.....	.05	.15	.40
2309	Picta, yellow and copper red, single, mixed.....	.05	.15	.40
2310	Lorenziana, double .....	.05	.15	.40
2311	" Yellow, double .....	.10	.20	.60
2312	" Bi-Color, double, brown and yellow.....	.10	.20	.60
<i>Sow in open ground in late Spring.</i>				
2313p	Bremen, coppery scarlet .....	.15	.60	.....
2314	Portola Hybrids, bronze red, large-flowered.....	.10	.30	.....
2315	Regalis, very large flowers .....	.10	.50	.....
2316	Standholder, yellow with red, strong stems, large fld.	.10	.50	1.50
2317	Grandiflora, mixed .....	.05	.15	.50
2318	Mastodon, new, very large.....	.15	.60	.....
2319	Burgundy, large wine red flowers.....	.15	.60	.....
g GESNERIA				
2327	Hybrids, mixed. Fine pot plant for warm greenhouse, culture as for Gloxinia.....	.50	.....	.....
<i>Sow in Summer for next year's flowers—or if sown in early Spring, many will bloom first season.</i>				
prGEUM				
2328	Lady Strahteden, golden yellow, double.....	.15	.60	.....
2329	Mrs. Bradshaw, bright red, double.....	.10	.60	.....
2330	Prince of Orange, true orange.....	.25	1.50	.....
<i>Sow in Spring or Summer, needs some protection in winter.</i>				
a GILIA (Thimble Flowers)				
2334	Capitata, blue or lavender .....	.10	.15	.40
2335	" white .....	.10	.15	.40
2336	" mixed .....	.05	.10	.30
2337	Tri-Color, mixed .....	.10	.15	.50
<i>Sow in March under glass or in May in open ground.</i>				

a GLAUCIUM (Horned Poppy)

	Pkt.	1/4 Oz.	Oz.
2338 Flavum, yellow 1½ ft. high.....	.10	.35	.....

Sow in March in pots or in open ground in May.

GLORY OF THE SUN

2340 Leucocoryne ixioides odorata50
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A bulbous, tender, perennial, has heads of large fragrant blue flowers on wiry stiff 18 inch stems. Should be very good as a cut-flower. Bulbs raised from seed are ready to bloom the second year.

g GLOXINIA

2344 Hybrida Grandiflora, mixed, large bell-shaped flowers, 1½ oz., \$2.5025
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Can be sown in a warm greenhouse and should bloom in 1½ to 2 years after seeding. We handle blooming size bulbs.

a CODETIA (Satin Flower)

2349 Dwarf Mixture .....	.05	.15	.40
2350 Gloriosa, deep crimson red, 10 in.....	.10	.20	.60
2354 Azaleaflora, mixed, compact.....	.10	.80	.....
2355 " rosy carmine, double, compact growth.....	.10	.80	.....
2356 " Sweet Heart, delicate pink, semi-double, very fine color.....	.10	.80	.....
2360 " Maiden Blush, bright pink.....	.10	.....	.....
2357 Sybil Sherwood, salmon pink.....	.10	.....	.....
2358 Wild Rose, rose pink.....	.10	.....	.....
2359 Thunderbolt, dwarf, dark crimson.....	.10	.40	.....

Sow in open ground in May and thin out to about 6 in. apart.

a GOMPHRENA (Globe Amaranth) Everlasting

2361 Globosa, mixed .....	.05	.15	.40
2362 " purple .....	.10	.15	.40
2363 " dwarf purple .....	.10	.15	.40
2364 " orange .....	.10	.20	.60
2365 " bunchflowered, lilac, new.....	.10	.60	.....

Sow in open ground in late May. The flowers resemble Clover flowers and can be cut and dried for winter bouquets.

a GOURDS

2068 Ornamental varieties, mixed, large and small.....	.05	.10	.20
2371 Small varieties, mixed.....	.05	.10	.20
2371a " Apple .....	.05	.10	.20
2371b " Bottle, Japanese Bott'le.....	.05	.10	.20
2371f " Flat Striped, green and white stripes.....	.05	.10	.20
2371o " Orange .....	.05	.10	.20
2371p " Pear, white .....	.05	.10	.20
2371w " Warted .....	.05	.10	.20
2372 " Egg-shaped, white, can be used for Nest Eggs	.05	.10	.20
2373 " Pear-shaped, green and white.....	.05	.10	.20
2374 " Bicolor, half green, half yellow, pear shaped...	.05	.10	.20
2375 " Turk's Turban, orange and green.....	.05	.10	.20
2376 Large varieties mixed.....	.05	.....	.20
2376c " Acorn Squash, yellow .....	.05	.10	.20
2376d " Bird's Nest, hour glass shaped.....	.05	.10	.20
2376e " Calabash, powder horn.....	.05	.10	.20
2376f " Cave Man's Club, knobby, club shaped.....	.05	.10	.30
2376g " Dipper .....	.05	.10	.20
2376h " Dish Cloth, or Sponge.....	.05	.10	.20
2376j " Giant Bottle, or Chinese Water Jug.....	.05	.10	.20
2376k " Hercules Club, 2'-3' long, club shaped.....	.05	.10	.20
2376l " Longissima, Giant Club, edible.....	.05	.10	.20
2376m " Malabar Melon, edible.....	.05	.10	.20
2376n " Sugar Trough, thick shell.....	.05	.10	.20
2376o " Turk's Turban, yellow, green and orange.....	.05	.10	.20

GREVILLA

	Pkt.	¼ Oz.	Oz.
2369 Robusta (Silk Oak) Ornamental green foliage plant	.10	.25	.80

Sow in greenhouses for pots. Useful for window boxes or vases.

GRASSES—ORNAMENTAL

1572 Avena Sterilis , animated grass.....	.10	.....	.....
1573 " Elatior , giant oats.....	.10	.....	.....
1670 Briza Maxima , heart grass.....	.10	.....	.....
1673 Bromus Brizaeformis .....	.10	.....	.....
2012 Coix Lachrymae , Job's Tears.....	.10	.....	.....
2260 Eragrostis Elegans , Love Grass.....	.10	.....	.....
2378 Gynerium Argenteum , Pampas Grass.....	.10	.....	.....
2379 " Roseum , Pampas Grass.....	.10	.....	.....
2383 Hordeum Jubatum , Squirrel Tail Grass.....	.10	.....	.....
2542 Lagurus Ovatus , Hare Tail Grass.....	.10	.....	.....
2739 Melica Altissima .....	.10	.....	.....
2859 Pennisetum Ruppelianum , Purple Fountain Grass.....	.10	.....	.....
3280 Stipa Pennata , Feather Grass.....	.10	.....	.....
3897 Tricholeana Rosea .....	.10	.....	.....

GYPSOPHILA (Baby's Breath)

2384a Elegans Grandiflora Alba , Copenhagen strain, large pure white, mostly with overlapping petals, ¼ lb. 50c, 1 lb. \$1.50	.05	.10	.20
2388 Elegans, Rosea , light pink .....	.05	.10	.20
2389 " Carminia , carmine red.....	.05	.10	.20
2390 " purpurea , reddish purple.....	.05	.10	.25
2393p Paniculata , single white .....	.05	.15	.50
2394p " fl. pl. double , snow white.....	.25	1.00	3.50
2395 Oldhamiana , grows somewhat similar to <i>Paniculata</i> , more erect; flesh to rose-pink flowers, continuous bloomer .....	.15	.60	.....
2396p Mangini , rosy white.....	.05	.15	.50
2398p Pacifica , pink 3-4 feet tall.....	.25	.....	.....
2400* Repens , white, 6 inches.....	.10	.40	.....
2401 Repens , rose .....	.10	.70	.....

Sow Annual Baby Breath in open ground in early May, and for continuous blooming, sow every week or two during the summer. The Perennial varieties can be sown in late spring or early summer for next year's blooming. Seeds of the double will produce 20-40% with double flowers.

p HELENIUM (Sneeze Wort)

2406 Hybrida Praecox , various colors, early blooming, 2 to 3 feet .....	.25	1.60	.....
2407 Hoopesii , yellow, orange disc.....	.10	.20	.....
2408 Riverton Gem , crimson and gold.....	.25	1.25	.....

Daisy-like flowers, bushy growth, mostly late blooming. Can be sown in spring or summer.

pr HELIANTHEMUM, Rock Cistus or Sun Rose

2412 Mutabile , evergreen foliage, rosy lilac flowers.....	.10	.40
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Sow in spring or summer.

a HELIANTHUS, Sunflower

2416 Miniature Stella , yellow, about 3 ft. tall, small-flowered, longstemmed05	.15	.40
2417 " Diadem , primrose yellow .....	.05	.15	.40
2418 Nanus fl. pl. double , 3 feet.....	.05	.10	.30
2419 Purpureus , red, 6 feet .....	.05	.10	.30
2420 Chrysanthemum-flowered , double, tall.....	.05	.10	.30
2421 Perennial Varieties , mixed .....	.25	.....	.....

Sow in open ground in spring. The Miniature varieties can be used as cut-flowers.

		Pkt.	¼ Oz.	Oz.
HELICHRYSUM, Everlasting				
2425	Monstrosum, double mixed .....	.05	.15	.50
<i>Sow under glass in March or April, or in open ground in May. For drying, they should be picked before ripe.</i>				
p HELIOPSIS				
2441	Scabra Major, golden yellow.....	.10	.20	.....
2442	Lemoines strain, double golden.....	.15	.50	.....
<i>Sow in spring or summer.</i>				
g HELIOTROPE				
2445	Lemoines Giants, mixed.....	.10	.40	.....
2446	King of the Blacks.....	.10	.60	.....
<i>Sow in January or February under glass.</i>				
b HESPERIS, Sweet Rocket				
2448	Matronalis, white .....	.05	.15	.....
2449	Matronalis, mixed, 2 feet.....	.05	.15	.....
2450	Tristis, purple-brown .....	.05	.15	.....
2451	Nivea, white, dwarf .....	.10	.50	.....
<i>Sow in spring or summer, or if seeded under glass early, will bloom first year.</i>				
HETEROPAPPUS				
2453	Hispidus, blue daisy, blooms in fall.....	.15	.....	.....
pr HEUCHERA, Coral Bell				
2454	Sanguinea, crimson red .....	.10	1.50	.....
2455	Brizoides, bright rose .....	.25	1.50	.....
<i>Sow in March or April under glass in a fairly warm place, prick out once, and when plants are large enough, set out in open ground.</i>				
HIBISCUS (Mallow)				
2460a	Trionum, yellow with black ring 1½ ft.....	.10	.25	.....
2461p	Large-flowered varieties, mixed 4-5 ft.....	.10	.20	.60
2462	Manihot Sunset, yellow with dark center.....	.10	.20	.....
<i>Sow the Annual in open ground in May and the perennial in spring or summer. The perennial needs protection in winter.</i>				
b HOLLYHOCK				
2466	Semperflorens, single and half double, mixed, quickest variety to bloom .....	.10	.20	.60
2467	Single, mixed .....	.10	.20	.60
2468	Imperator (Begonia-flowered), double, fringed, very large flowers, mostly salmon and pastel shades.....	.25	.60	1.75
2469	Triumph, large, fringed, double flowers, early blooming, many colors mixed.....	.25	.60	1.75
2470	Chaters, double, mixed .....	.10	.30	1.00
“ in separate colors, 2471 white, 2472 rose, 2473 Newport Pink, 2474 Salmon, 2475 scarlet, 2476 lilac, 2477 maroon, 2478 yellow. Each		.10	.40	1.50
<i>Sow in open ground in spring or early summer for next year's flowers, or if sown under glass in March, many will bloom the same year. We recommend to use them as bi-annuals, as they are at their best the second year.</i>				
ac HUMULUS (Japanese Hop)				
2487	Japonica Fol. Varg., white and green leaves.....	.05	.15	.50
<i>Sow in open ground in Spring.</i>				
a HUNNEMANIA (Bush Escholtzia)				
2492	Fumariefolia, yellow, taller than California Poppy.....	.05	.15	.50
2493	Sunlite, semi-double .....	.10	.30	.....
<i>Sow under glass in March or April or in open ground in May. Useful as a greenhouse cut-flower also.</i>				

ac HYACINTH BEANS

	Pkt.	¼ Oz.	Oz.
2496 Dolichos, mixed .....	.05	.....	.15

Sow in open ground in May, along fence or trellis.

g IMPATIENS

2500 Holsteii, vermillion scarlet, ⅓ oz. \$1.00.....	.25	.....	.....
2501 Sultanii, mixed shades, ⅓ oz. \$1.00.....	.25	.....	.....

Sow in January or February and plant in pots. Also a good bedding plant or for boxes.

pr INCARVILLEA (Hardy Gloxinia)

2505 Delavayi, pinkish red, 1½ ft.....	.25	.....	.....
2507 Variabilis, pink to salmon.....	.25	1.50	.....

Sow under glass and set out in open ground when the plants are large enough to move. Needs protection in winter.

p INULA

2512 Glandulosa Grandiflora, large golden yellow.....	.25
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ac IPOMOEA (Morning Glory)

2517 Imperialis, Japanese Morning Glory, mixed.....	.0520
2518 Fancy Fringed, Japanese varieties, largeflowered.....	.10	.....	.30
2519 Rose Marie, semi-double, rose.....	.10	.20	.60
2520 Bona Nox, large deep blue.....	.10	.....	.25
2521 Mexican, white Moonflower.....	.10	.....	.40
2522 Setosa, Brazilian Morning Glory, red.....	.10	.15	.50
2523 Heavenly Blue, early-flowering, Clark's Mammoth.....	.10	.30	1.00
2106 Quamoclit, Cypress Vine.....	.05	.10	.30
1801 " Hybrida, Cardinal Climber .....	.10	.25	.80

Sow in open ground in May or in March in pots, under glass.

p IRIS

2528 Germanica, choice collection .....	.10	.30	1.00
2529 Kaempferi, Japanese Iris Mixed.....	.10	.25	.80
2530r Pumilum, dwarf Iris, mixed.....	.10	.40	.....

Most of the Iris will bloom second year after seeding.

ISOLOMA

2532—Hirsutum, pot plant for warm house.....	.35
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KALANCHOE

2533 Globulifera Coccinea Blossfeldii, Succulent Pot plant, scarlet flowers50
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a KOCHIA (Summer Cypress)

2535 Childsii, green bush turning red after frost.....	.05	.10	.25
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Sow under glass in April or in open ground in May.

KUDZU VINE

2540pc Pueraria Thunbergiana, fragrant, hardy.....	.05	.10	.30
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pc LATHYRUS, Perennial Sweet Peas

2579 Latifolius, mixed1030
2580 White Pearl10	.15	.50
2581 Pink Beauty .....	.10	.15	.40
2582 Red .....	.10	.15	.40

Sow in spring or early summer in the place where they are to grow, as they are not easily transplanted.

a LARKSPUR, ANNUAL (For perennial see Delphinium)

2545 Tall double, stock-flowered, mixed, 2-3 feet.....	.05	.15	.50
2554 La France, salmon pink.....	.10	.20	.60
2555 Empress Rose, tall pink.....	.10	.20	.60
2556 Los Angeles, rose on salmon ground.....	.10	.30	1.00
2557 Rosamond, pure bright rose.....	.10	.25	.80

LARKSPUR—Continued

			Pkt.	¼ Oz.	Oz.
2558a	Giant Imperial.	A new type of Larkspur which branches from the base, and for that reason has much longer flower spikes than the stock-flowered. The plants are taller also, mixed.....	.10	.30	1.00
2560	" "	Blue Spire, deep blue.....	.10	.30	1.00
2561	" "	Carmine King, carmine rose.....	.10	.30	1.00
2562	" "	Gloria, deep rose.....	.10	.30	1.00
2563	" "	Lilac Spire, lilac.....	.10	.30	1.00
2564	" "	The Empress, salmon pink.....	.10	.30	1.00
2565	" "	White Spire, white.....	.10	.30	1.00
2566	" "	Blue Bell, medium blue.....	.10	.30	1.00
2567	" "	Lilac Queen, rich lilac.....	.10	.30	1.00
2568	" "	Exquisite Rose .....	.10	.30	1.00
2569	" "	White King, new.....	.10	.40	1.50

Sow in open ground in early May or under glass earlier.

a LAVATHERA (Mallow), 3 feet

2584	White, 2585 mixed, 2586 deep rose. Each.....	.05	.15	.40
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Sow in May in open ground.

LAYIA

2587	Elegans, Tidy Tips, low growing, yellow daisy, white tip10	.30
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pr LEONTOPODIUM (Edelweiss)

2589	Sibericum, white25
2259	Alpinum25

Sow in cold-frame in May or June and set out the following spring. Prefers a sunny place and sandy soil.

ar LEPTOSIPHON

2594	French Hybrids, mixed. Grows about 4 inches high, numerous small flowers of many colors.....	.10	.20
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Sow in open ground in spring.

a LEPTOSYNE

2598	Maritima, yellow, large10	.20
2599	Arborea Gigantea10
2600	Golden Rosette, new, double yellow.....	.25	.....	.....

Large yellow flowers, resembling Coreopsis.

p LILIUM

2602	Auratum, Gold Banded Lily.....	.15	.....	.....
2604	Japonicum, Pink Japanese Lily.....	.15	.....	.....
2605	Philppinense Formosanum, resembles Easter Lily. Blooms about 10 months after seeding.....	.25	.60	.....
2606	Regale, Regal Lily, blooms 2-3 years after seeding....	.10	.30	1.00
2607	Takasago, large white Easter Lily. Blooms about 8 months after seeding.....	.25	.....	.....
2608	Speciosum Magnificum Rubrum, pink.....	.25	.....	.....
2609pr	Tenuifolium, Coral Lily. Blooms 2-3 years after seed- ing .....	.10	.....	.....

LINARIA

2612pr	Alpina, purple and orange, 6 inches.....	.25	.....	.....
2613p	Canon Want, pale pink, 1½ to 2 feet.....	.10	.75	.....
2614*	Cymbalaria (Kenilworth Ivy), creeping.....	.10	.50	.....
2615p	Dalmatica, yellow, 3 ft., resembles snapdragon.....	.10	.35	.....
2616a	Maroccana Hybrids, mixed .....	.10	.20	.....
2617	" Fairy Bouquet, new, about 8", large flow- ered, many colors .....	.25	.....	.....

The annual can be sown in open ground in May. The perennial in June and transplanted in September.

LINUM (Flax)

	Pkt.	¼ Oz.	Oz.
2620a Grandiflorum rubrum , red, large-flowered, 1½ ft.....	.05	.10	.25
2621a " roseum , pink .....	.05	.10	.25
2623* Perenne , blue, Fairy Flax, 2 ft.....	.10	.20	.....
2625p Flavum , yellow, 1 ft.....	.25	.60	.....
2626 Flavum , <i>nanum compactum</i> , dwarf.....	.25	.....	.....

Sow Flavum in frame in spring. The other varieties can be sown in open ground in May or June.

LOBELIA

2630p Cardinalis Queen Victoria , scarlet, 3-4 ft.....	.25	.....	.....
2632 Perennial tall varieties , mixed.....	.25	.....	.....
2635ar Bedding Queen , bright blue, clear white eye, 4 in.....	.10	.60	.....
2634 Primadonna , crimson maroon.....	.10	.....	.....
2636 Emperor William , clear blue, 4 in.....	.10	.60	.....
2637 Crystal Palace Compacta , deep blue, dark foliage, 3 in. ....	.10	.60	.....
2638 Mrs. Clibran , deep blue, white eye, 4 inches.....	.10	.60	.....
2639 Snowball , white, 4 inch .....	.10	.60	.....
2640 Blue Stone , clear mid-blue, compact, very even.....	.10	.90	.....
2641 Speciosa Grandiflora , dark blue, dark foliage, 12 in....	.10	.60	.....
2643 Hamburgia , sky blue, hanging.....	.10	.60	.....
2644 Sapphire , deep blue, white eye, hanging.....	.10	.60	.....
2645 Tenuior , deep blue, largeflowered, about 12" high.....	.10	.80	.....

For early spring-blooming, sow the annual or dwarf Lobelias under glass in January or February. The tall Cardinalis can be sown in a frame or under glass in April and set out when large enough. Needs protection in winter.

b LUNARIA, Honesty

2649 Biennis , Money Plant10	.25	.80
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Sow in spring or early summer. The cleaned discs are used for decorations or winter bouquets.

LUPINUS

2650 Hartwegii Giants , mixed.....	.10	.20	.60
2654a " mixed .....	.05	.10	.25
2655 " Albus , white, long stems.....	.05	.10	.30
2656 " Rose pink to red .....	.05	.10	.30
2658 " dark blue .....	.05	.10	.30
2662a Nanus , Snow Queen , pure white, dwarf.....	.10	.25	.60
2664p Polyphyllus , mixed, art shades.....	.05	.10	.30
2665p " white .....	.10	.15	.40
2667 " blue .....	.10	.15	.40
2668 " Carmineus , carmine shades.....	.10	.25	.80
2669 " Moerheimi , pink and white.....	.10	.20	.60
2670 " Princess Juliana , pink, dwarf .....	.10	.25	.80
2671 " Sunshine , golden yellow .....	.10	.25	.80
2673 " Downers Hybrids , mixed.....	.10	.20	.60
2674 " Russells , large, new, fancy mixture of colors in original packets of 50 seeds for .....	.75		

Annual varieties can be sown in open ground in spring. The perennials, in spring or early summer and transplanted in early September.

LYCHNIS

2677* Alpina , rose, 12 inches.....	.25	.....	.....
2678p Chalcedonica , fiery scarlet, 3 feet.....	.05	.15	.50
2679p Forrestii Hybrids , showy, 2 ft.....	.25	.....	.....
2680p Haageana Hybrids , large-flowered, mixed, 1½ ft.....	.10	.50	.....
2681p Viscaria Splendens , rosy lilac, 1½ ft.....	.10	.30	.....
2682 Arkwrightii , brilliant, large-flowered mixture about 2 feet tall .....	.10	.40	.....

Sow in June in frame or open ground and transplant in early September.



MARIGOLD GUINEA GOLD

LYTHRUM

	Pkt.	¼ Oz.	Oz.
2685p Roseum Superbum , rose-pink, 3-4 ft. spikes.....	.10	.25	.....

Sow in June and transplant in early September.

MACHAERANTHERA (Tahoka Daisy)

2686 Tenacetifolia , blue daisy, blooms in summer and fall....	.25
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a MARIGOLD

2684 Chrysanthemum-flowered Hybrids , interesting orange and yellow shades25	.75
2687 Gigantea, Sunset Giant , very large, mixed.....	.25	.75	.....
2688 Collarette, Crown of Gold , new, golden orange, odorless foliage .....	.15	.50	.....
2689 Arborea , Australian Tree, for greenhouse blooming.....	.10	.50	.....
2690 African, double , mixed, 2½ to 3 ft.....	.05	.15	.50
2691 " All-double, mixed , flowers nearly all double..	.10	.40	.....
2692 " Orange Ball , large.....	.05	.25	.....
2693 " Lemon Ball , lemon yellow.....	.05	.25	.....
2694 " Primrose Queen , light yellow.....	.10	.40	.....
2695 " Golden Emblem , new, rich deep gold, large frilled flowers .....	.10	.40	.....
2696 " Chrome Yellow .....	.05	.25	.....
2698 " Sulphur Yellow .....	.05	.25	.....
2697 " Dwarf, mixed , large flowers.....	.05	.20	.60
2699 Guinea Gold , semi-double, bright orange, flushed gold, 2½ ft. ....	.10	.35	.....
2700 Yellow Supreme , new sulphur yellow.....	.10	.50	.....
2701 Lucida , tall, fragrant.....	.10	.....	.....
2702 French, mixed, double , smaller flowers, about 2½ feet tall .....	.05	.15	.50
2703 " Fire Cross, Dwarf , saffron orange with brown-red center .....	.05	.15	.....
2704 " dwarf, mixed, double , 15 inches.....	.05	.15	.50
2705 " Harmony , new, double. Center golden yellow, border velvety maroon.....	.10	.30	1.00
2706 " Lilliput , mixed, double, 10 inches.....	.05	.20	.....
2707 " Legion of Honor , single, yellow and brown, 10 in. ....	.05	.15	.50
2708 " Dobbies Dwarf , striped.....	.10	.30	.....
2709 " Star of India, Dwarf , striped yellow with brown edge .....	.05	.15	.....
2710 Tagetes Signata Pumila , 8 inches, numerous small flowers, single, yellow.....	.10	.25	.....
2711 " " " Gnome , deep orange, dwarf .....	.10	.35	.....
2712 Mexican , dwarf double orange.....	.10	.40	.....

Sow in March or April under glass or in late May in open ground.

a MARTYNIA

2713 Annua , interesting annual plant with curious seed pods	.10
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MARVEL OF PERU, Four-O-Clock

2714a Mirabilis Jalappa , mixed, bushy, 2 feet tall.....	.05	.10	.20
2715 " " Tom Thumb , mixed, compact.....	.05	.10	.30

Sow in open ground in May.

a MATTHIOLA, Evening scented stock

2725 Bicornis , lilac05	.10	.30
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Sow in open ground in May.

		Pkt.	¼ Oz.	Oz.
MATRICARIA, Feverfew				
2718	Capensis, fl. pl., white, 2-3 feet.....	.10	.20
2719	Eximia fl. pl., double, white, 1½ to 2 ft.....	.10	.45	.....
2720	" " " Tom Thumb, double, white, 10 inches....	.10	.50	.....
2721	Snowball, pure white, compact, 8 inches.....	.10	.60	.....
2722	Goldball, double, yellow, compact, 8 inches.....	.10	.60	.....
<i>Matricaria are perennials, but in this vicinity, should be grown as annuals, as they very seldom stand through the winter. Sow seeds in February or March and they will bloom in early summer.</i>				
a MAURANDIA				
2729	Barclayana, blue, climber .....	.25	.....	.....
2730	Mixed .....	.25	.....	.....
<i>Sow in March in pots and set out when frost is over.</i>				
p MECONOPSIS				
2735	Baileyi, sky blue Poppy from Thibet, 2 to 3 ft.....	.25	.....	.....
2737	Wallichei, drooping, pale blue flowers.....	.35	.....	.....
ar MESEMBRYANTHEMUM				
2742	Crystallinum, Ice Plant .....	.10	.20	.....
2743	Tri-color, white and carmine purple in the same flower	.10	.40	.....
2744	Criniflorum (Livingston Daisy), spreading habit with daisy like flowers .....	.25	.....	.....
<i>Sow in open ground in May or under glass in pots in March.</i>				
a MIGNONETTE (Reseda)				
2748	Bismarck, heavy flower spikes.....	.05	.20	.60
2749	New York Market, tall, good for cut flowers.....	.10	.50	1.60
2750	Giant Machet, giant spikes.....	.10	.25	.80
<i>Sow in pots in March or in open ground in May.</i>				
g MIMOSA (Sensitive Plan.)				
2754	Pudica, green fern-like foliage, closes when touched....	.10	.20	.....
<i>Sow in February and use as pot-plants.</i>				
a MIMULUS				
2759	Tigrinus Grandiflorus Cupreus (Monkey Flower).....	.25	.....	.....
2760	" Canary Yellow .....	.25	.....	.....
<i>Sow in February. Can be used as Pot or Bedding Plants.</i>				
MONARDA				
2764	Hybrida, mixed .....	.10	.80	.....
MYOSOTIS (Forget-Me-Not)				
2769a	Oblongata Perfecta, early-blooming, blue.....	.10	.35	1.25
2770br	Alpestris Victoria, sky blue, dwarf, bushy, compact.....	.10	.60	.....
2771	" " pink .....	.10	.60	.....
2776	" " white .....	.10	.60	.....
2775	Dissitiflora, rich blue, early, compact.....	.25	1.00	.....
2777pr	Palustris Semperflorens, clear blue flowers, creeping, blooms all summer, prefer moist soil.....	.10	.50	1.60
<i>Sow in early spring or summer. Palustris is the only real hardy variety. The other varieties are apt to die out over winter, but if sown early will easily bloom first season.</i>				
NAEGELI				
2780	Zebrina discolor, good pot plant.....	.50	.....	.....
NASTURTIIUM				
2778	Scarlet Globe, double, bright scarlet.....	.10	.....	.20
2779	Salmon Gleam, double salmon.....	.10	.....	.20
2781	Dwarf Golden Globe, compact, bushy, without runners, double yellow .....	.10	.....	.20
2783	Scarlet Gleam, bright scarlet, double, sweet scented....	.10	....	.20
2784	Golden Gleam, double, sweet scented, yellow short runners .....	.10	.....	.20

NASTURTIUM—Continued

	Pkt.	¼ Oz.	Oz.
2785 Gleam Hybrids, mixed, double, sweet scented.....	.10	.....	.20
2782ac Lobbianum, large-flowered, long runners.....	.05	.....	.10
2786a Dwarf, mixed, does not trail.....	.05	.....	.10
2787 " Empress of India, dark leaved, deep crimson	.05	.....	.15
2788 " Queen of Tom Thumb, variegated leaves,			
mixed .....	.05	.....	.15
2790 " Spotted King, or Lady Bird, yellow, red spots	.05	.....	.15
2791 " Ruby King, blue tinted red.....	.05	.....	.15
2793 Canariensis, Canary Bird Vine.....	.05	.10	.30

Sow in open ground when frost is over.

a NEMESIA

2795 Grandiflora Compacta Triumph, mixed, 8 inches.....	.10	.60	.....
2796 Compacta Blue Gem .....	.25	.....	.....
2798 Suttoni Grandiflora, mixed, 12 inches.....	.10	.60	.....
2800 " Orange Prince .....	.25	.....	.....
2801 " Carmine red .....	.25	.....	.....
2802 " Creamy white .....	.25	.....	.....
2803 " Brightness, cherry rose .....	.25	.....	.....
2804 " Rose-pink .....	.25	.....	.....

Sow under glass in March for spring blooming, and for late blooming, sow in open ground in May or June.

ar NEMOPHILA (Baby Blue Eyes)

2807 Insignis, sky blue, low growing.....	.05	.10	.20
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Sow in open ground in May. Does best in cool place.

pr NEPETA, Gray Cat Mint

2812 Mussini, deep violet blue, 6 inches.....	.10	.60
2813 Nervosa, clear light blue.....	.10	.75	.....

Sow in frames in spring and plant out in early September.

a NICOTIANA, Tobacco Plant

2806 Suaveolens, dwarf white, fragrant.....	.25	.....	.....
2814 Affinis, white, sweet scented, 2½ to 3 feet.....	.05	.15	.40
2815 " Hybrids, mixed .....	.05	.15	.....
2816 Sylvestris, tall white, drooping flowers.....	.10	.30	.....
2817 Sanderae Hybrids, mostly red shades.....	.05	.20	.....
2818 Sanderae, Crimson King .....	.05	.25	.....
2819 Crimson Bedder, crimson red, compact.....	.10	.60	.....

Sow under glass in March or in open ground in May.

NIEREMBERGIA (Cup Flower)

2810 Gracilis, light blue, brown center.....	.25	.....	.....
2811 Hippomanica, compact growth, delicate lavender. For			
pots of borders.....	.25	.....	.....

a NIGELLA, Love in a Mist

2820 Miss Jekyll, sky blue, blooms set in between feathery			
foliage .....	.05	.10	.30

Sow in open ground in May.

OENOTHERA (Evening Primrose)

2821a Lamarckiana, yellow, large-flowered, tall.....	.05	.10	.25
2822p Missouriensis, yellow, 1 foot.....	.15	.75	.....

Sow in early spring under glass—plant out later.

OXALIS

4200 Tropaeloides, brown-leaved .....	.10	.....	.....
4201 Valdiviana, yellow .....	.10	.....	.....

Nice short plants for edging or Rock Garden.



PANSY

PANSY			Pkt.	¼ Oz.	Oz.
2823	Swiss Giants,	Mixed, very large-flowered, long stems, free flowering, good mixture.....	.25	1.50	5.00
2824	“ “	Lake of Thun, deep blue.....	.25	1.50	5.00
2825	“ “	Alpenglow, cardinal shades.....	.25	1.50	5.00
2826	“ “	Golden Queen, pure yellow.....	.25	1.50	.....
2830	“ “	Aurora, wine red.....	.25	1.50	.....
2831	“ “	Berna, deep purple.....	.25	1.50	.....
2832	“ “	Firngold, yellow with black blotches.....	.25	1.50	.....
2839	“ “	Silver Bride, white with violet eye.....	.25	1.50	.....
2827	Dwarf Swiss Giant,	shorter and more compact.....	.50	1.75	.....
2828	Giant America,	very large, free bloomer, clear color combination .....	.25	2.25	8.00
2829	Maple-leaved Giant,	largest of pansies, heavy growth, Exhibition flowers .....	.50	2.50	9.00
2833	Special Giant Mixture.	Our most popular mixture made up by us of some of all preceding varieties mentioned above .....	.25	1.25	4.00
2834	Florist mixture,	contains 60% of our Special Giant and 40% Giant Trimardeau mixtures.....	.25	1.00	3.00
2835	Super Giants,	choice selection of rich colors, very large flowers .....	.50	2.00	7.00
2841	Coronation Gold,	slightly ruffled, giant yellow lower petals, flushed orange.....	.50	.....	.....

PANSY—Continued

			Pkt.	¼ Oz.	Oz.
2836	Giant Trimardeau,	mixed, large-flowered, contains mostly clear colors .....	.10	.35	1.25
2837	"	" Candidissima , pure white .....	.15	.40	1.50
2840	"	" Golden Queen , large clear yellow .....	.15	.40	1.50
2842	"	" King of the Blacks.....	.15	.40	1.50
2843	"	" Lord Beaconsfield , deep purple, upper half white .....	.15	.40	1.50
2845	"	" Light Blue , large flowers.....	.15	.40	1.50
2847	"	" St. Knud , apricot orange .....	.15	.75	2.50
2848	"	" Prince Henry , deep blue, very large .....	.15	.40	1.50
2854	Hyemalis,	winter blooming variety, mixed.....	.15	.60	2.00
<i>For May blooming sow in January under glass, transplant to cold frame in early March. Can also be sown in May, and will then bloom later, or sow in July, transplant in early September. Such plants need protection over winter.</i>					

ac PASSIFLORA (Passion Flower)

2855	Coerulea,	blue .....	.10	.60	.....
<i>Sow in pots in March.</i>					

PERILLA

			Pkt.	¼ Oz.	
2879	Nankinesis,	brown-red foliage plant, dwarf.....	.10	.....	.....

PENSTEMON

2864	Glaber Roseus,	pink passing to deep rose.....	.15	.60	.....
2865pr	Pubescens,	pinkish lavender, 1½ ft.....	.10	.30	.....
2866pr	"	" Blue Gem , blue, more compact growth.....	.15	.50	.....
2867	Digitalis,	white, tinted violet.....	.10	.30	.....
2868pa	Hartwegii,	large-flowered, mixed .....	.10	.50	.....
2869	Sensation,	large-flowered, very fine mixture.....	.25	.80	.....
2870	"	" carmine shades .....	.25	.....	.....
2871	"	" red shades .....	.25	.....	.....
2872	"	" rose shades .....	.25	.....	.....
2873	"	" violet shades .....	.25	.....	.....
2875	Southgate Gem,	crimson scarlet .....	.25	.....	.....
2877	Miniature Hybrids,	mixed, 2 to 3 feet tall, graceful spikes, much smaller flowers than Sensation, but a wide color range.....	.25	.90	.....

The Pubescens are hardy, but the other varieties are more sure if cultivated as annuals, by seeding them early in spring under glass, and setting them out in May or June.

a PETUNIA

			Pkt.	¼ Oz.	
2882	Hybrida,	mixed colors.....	.05	.25	.....
2894	Howard's Star,	purple with white star.....	.10	.50	.....
2895	General Dodds,	blood red .....	.10	.30	.....
2925	Flaming Velvet,	velvety purple red.....	.10	.60	.....
2881	Nana Compacta,	single dwarf varieties, mixed.....	.10	.50	.....
2905	"	" Admiral , rich dark blue, frilled.....	.10	.60	.....
2919D	"	" Adora , rosy carmine, white star, dwarf and bushy.....	.25	.....	.....
2919G	"	" Blue Gem , deep velvet with white throat, but dwarf compact growth....	.25	.....	.....
2883	"	" Carmen Sylva , blue with white throat .....	.10	.30	.....
2906	"	" Celestial Rose , rose pink, very compact .....	.10	.80	.....
2884	"	" Cockatoo , deep velvety violet purple with white markings.....	.10	.60	.....
2885	"	" Gloria , golden rose .....	.10	.40	.....
2886	"	" Heavenly Blue , silver lilac.....	.10	.80	.....
2893	"	" Hybrida , blue (Burpee's Blue).....	.10	.40	.....

PETUNIA—Continued

			Pkt.	1/8 Oz.	Oz.
2919H	Nana Compacta,	King Henry, velvety purple-red, dwarf compact growth.....	.25	.....	.....
2915	"	" Martha Washington, lavender-pink, veined in throat maroon-purple..Pks.	.25		
2896	"	" New Rosy Morn.....	.25	.80	.....
2898	"	" New Rosy Morn, improved.....	.25	1.50	.....
2913	"	" Norma, violet-blue, white center.....	.10	.40	.....
2897	"	" Periwinkle, new mid-blue.....	.10	.60	.....
2892	"	" Rose Charm, dwarf Rose of Heaven	.10	.80	.....
2888	"	" Rose of Heaven, rose pink.....	.10	.40	.....
2889	"	" Rosy Morn, pink with white throat	.10	.40	.....
2887	"	" Rose Queen, bright rose.....	.10	.60	.....
2922	"	" Rose Gem, very low growing, masses or clear pink flowers.....	.25	2.00	.....
2912	"	" Senator Improved, purple-violet, white throat .....	.25	1.50	.....
2890	"	" Snowball, pure white .....	.10	.30	.....
2919	"	" Twinkles, smallflowered, clear rose with white star in center.....	.10	.80	.....
2891	"	" Violacea Compacta, violet purple.....	.10	.40	.....
2899	Balcony Type,	mixed, large-flowered, long stems.....	.25	.75	... ..
2900	"	white .....	.25	.75	... ..
2901	"	rose .....	.25	.75	... ..
2902	"	crimson .....	.25	.75	... ..
2903	"	blue (Balcony Purple) .....	.25	.80	... ..
2932	"	Black Prince, velvety purple-red.....	.25	1.00	.....
2942	"	Cornflower Blue, new rich blue.....	.25	.80	.....
2948	"	Netted Blue Gem, steel blue, veined.....	.25	.80	.....
2908	Large-flowered	White Cloud.....	.25	1000 Seeds .50	3 1/2 Oz.
2910	"	" Grandiflora Violacea, deep velvety purple .....	.25	.50	1.50
2911	"	" Balcony Queen, deep purple with white	.25	.50	1.00
2911B	"	" Burgundy, deep wine red, white throat	.25	.....	.....
2911S	"	" Silver Edge, deep blue with silvery white edge .....	.25	.....	.....
2914	Large-flowered	fringed varieties, mixed.....	.25	.50	1.50
2909	"	" " Elk's Pride Improved.....	.25	.75	2.50
2917	"	" " Miranda, rosy carmine.....	.25	.50	.....
2918	"	" " Pink Triumph .....	.25	.50	1.50
2920	"	" " Romany Lass, coppery crimson, dark throat.....	.25	.75	.....
2921	"	" " Theodosia, rosy pink with yellow throat .....	.25	.75	.....
2926	"	" " White Beauty .....	.25	.50	.....
2952	"	" " Dwarf Lace Veil, white.....	.25	.75	.....
2928	"	" " Lutea (Canary Bird).....	.25	.75	.....
2923	"	" " nana, dwarf mixed.....	.25	.75	2.00
2924	"	" " nana, dwarf, Setting Sun, brilliant rose .....	.50	1.00	3.00
2924G	"	" " Golden Jubilee, dwarf, new, carmine-scarlet, golden throat, bronze markings .....	.35	.....	.....
2924P	"	" " Purple and White, dwarf.....	.25	1.00	.....
2924S	"	" " Silver Lilac, dwarf.....	.25	1.00	.....

PETUNIA—Continued

			Pkt.	1000 Seeds	¹ / ₃₂ Oz.
2927	Large-flowered, fringed, Dwarf Pink Glory.....		.25	.75	\$2.50
2953	“ “ “ Dwarf White Glory.....		.25	1.00	.....
2924V	“ “ “ Violet Blue, Dwarf.....		.25	1.00	.....
	Superbissima, Giant flowered. This variety has the largest flowers, all ruffled and veined.				
2929	“ Giants of California, mixed .....		.25	.50	1.25
2933	“ King Alphonso, deep crimson purple, dark throat .....		.50	1.00	.....
2934	“ German Empress, lilac lavender, purple veins .....		.50	1.00	.....
2936	“ Coppery Red Giant, dark throat.....		.50	1.00	.....
2938	“ Prince of Wurtemberg, purple.....		.50	1.00	.....
2939	“ Rheingold, large white, yellow throat....		.25	1.00	.....
2930	“ Ruffled Monsters .....		.25	.75	2.00
2931	“ Dwarf Ruffled Giants, Special Strain....		.50	1.00	2.75
2935	“ “ “ “ velvety scarlet....		.50	1.00	.....
2937	“ “ “ “ rose-pink .....		.50	1.00	.....
2940	Double, small-flowered, mixed.....		.25	1.00	.....
2941	“ “ “ carnation-flowered, mixed.....		.25	1.00	.....
2943	“ “ “ Lilliput, red with white, many flowers .....		.50	1.00	.....
2944	“ “ “ Rosy Morn .....		.50	1.00	.....
2945	“ “ “ Alba, white .....		.25	1.00	.....
2946	Double large-flowered, fringed mixed, very fine.....		.25	1.00	.....
2947	“ “ “ fringed Rose Perfection, beautiful pink shades .....		.50	1.50	.....
2951	“ “ “ Steel Blue Shades.....		.50	2.00	.....
2950	“ “ “ All Double Victorious, dwarf, fringed, nearly 100% double, fine mixture		1.00	2.00	.....
2954	“ “ “ Victorious, white		1.00	2.00	.....
2955	“ “ “ “ purple		1.00	2.00	.....
2956	“ “ “ Gayety, red and white.....		1.00	2.00	.....
2957	“ “ “ Loveliness, soft pink.....		1.00	2.00	.....
2958	“ “ “ Rosy Carmine (World Beauty)		1.00	2.00	.....
2959	“ “ “ Amaranth Red		1.00	2.00	.....

The culture of Petunias are very easy for the small-flowered or cheaper varieties, as these can be sown both inside and outside with a fair expectation of good results. For the large-flowered or better varieties it is more difficult to get them started. For May blooming, they should be sown in a fairly warm place in January or February, and the seeds just sprinkled on the surface of very fine sifted soil and kept moist. As soon as large enough to move, they can be transplanted and later put in pots. The seeds that produce the double flowered plants, usually are weaker than the single flowered, and in transplanting the double varieties, care should be taken with the weakest and poorest looking seedlings, as they usually produce the best double flowers.

PHACELIA

		Pkt.	¹ / ₄ Oz.	Oz.
2960ar	Campanularia, gentian blue, 6 in.....	.10	.25	.....
2961a	Congesta, blue, tall, erect growing.....	.10	.20	.....

Sow in open ground in spring.

PHLOX					Pkt.	¼ Oz.	Oz.
2966p	Decussata, hardy Phlox in extra good mixture.....				.10	.50	.....
<i>Sow in Fall in open ground and transplant following spring.</i>							
2971a	Drummondii Grandiflora, mixed, large-flowered.....				.05	.30	1.00
	Drummondii Grandiflora, in separate colors, 2970 rose, 2972 white, 2973 flesh, 2974 pink with dark center, 2975 salmon rose, 2976 bloodred, 2977 scarlet, 2978 violet blue, 2979 creamy yellow, 2980 scarlet with white stripes, 2981 scarlet with white star, each.....				.10	.35	1.25
2982	Drummondii Nana Compacta, mixed, compact, about 6 inches .....				.10	.50	1.75
2983	"	"	"	Snowball .....	.20	.60	.....
2984	"	"	"	Fireball, scarlet .....	.20	.60	.....
2985	"	"	"	Chamois rose, salmon..	.20	.60	.....
2986	"	"	"	Isabellina, creamy yellow .....	.20	.60	.....
2987	"	"	"	Violacea, violet .....	.20	.60	.....
<i>For early blooming, sow in March under glass and set out in late May. If sown in open ground in May, they will bloom later. The Nana Compacta varieties are the best for pots.</i>							
PHORMIUM							
2988	Tenax, foliage plant for pots or greenhouses.....				.10	.20	.....
p PHYSALIS (Lantern Plant)							
2990	Francheti, orange scarlet husks.....				.10	.25	.80
<i>Sow in open ground in spring.</i>							
p PHYSOSTEGIA, False Dragon Head							
2994	Virginica, pink, tall, erect.....				.10	.40	.....
2995	" white .....				.10	.40	.....
<i>Sow in May or June and transplant in early September.</i>							
p PLATYCODON, Balloon Flower							
3001	Grandiflorum, blue, balloon shaped flowers, tall.....				.10	.35	.....
3002r	Mariesi, dwarf blue .....				.25	.75	.....
3003	Giant Annual, blue, new.....				.10	.50	.....
<i>Sow in open ground in May or June, transplant in Fall or spring.</i>							
p POLEMONIUM, Jacob's Ladder							
3005	Coeruleum, blue, erect, 2 feet.....				.10	.20	.....
<i>Sow in May or June and transplant in early September.</i>							
a POLYGONUM							
3006	Orientale, pink (Kiss me over the gate) 7 ft.....				.10	.....	.....
ar PORTULACA (Moss Rose)							
3050	Grandiflora, single, mixed, creeping habit.....				.05	.20	.70
	Grandiflora, in separate colors, 3051 Parana, reddish purple, 3052 orange, 3053 yellow, 3054 scarlet, 3055 purple red, 3056 white, 3049 copper rose, each.....				.10	.30	1.00
3059	Grandiflora, fl. pl., double-flowered, mixed, does not come 100% double .....				.10	.60	2.00
	Double, in separate colors, 3057 White, 3058 Scarlet, 3060 Salmon, 3061 Bright Rose, 3062 Purple, 3063 Yellow, each .....				.20	.75	.....
<i>Sow in open ground in May.</i>							

POPPY

		Pkt.	¼ Oz.	Oz.
3010*	Alpinum, mixed, 8 inches.....	.25	1.50	.....
3012p	Bracteatum, large scarlet, Oriental Poppy, 2½ ft.....	.05	.20	.60
3014a	Danebrog, single, red and white, 3 ft.....	.05	.10	.25
3015a	Glaucum, red, Tulip Poppy, 15 inches.....	.05	.15	.40
3018*	Nudicaule, single, mixed, Iceland Poppy Sunbeam.....	.05	.35	1.25
3019	“ “ white .....	.10	.25	.....
3021	“ “ Tangerine, orange .....	.10	.30	1.00
3022	“ “ Coonara, “pink” .....	.10	.60	.....
3023	“ “ Amurensis, giant yellow, new.....	.25	1.00	.....
3024	“ “ Fakenhams Hybrids, large-flow- ered, sturdy, long-keeping flowers .....	.25	.75	.....
3025	“ “ Sanfords strain, very large, choice colors .....	.25	1.00	.....
3026	“ double, mixed .....	.10	.40	.....
3028p	Orientele Hybrids, mixed, oriental poppy.....	.10	.35	1.00
3029	“ scarlet .....	.10	.25	.80
3030	“ Princess Victoria Louise, salmon.....	.25	.75	.....
3031	“ Mrs. Perry, pink .....	.25	.....	.....
3033	“ Mahoney, crimson maroon .....	.25	.....	.....
3035a	Paeony-flowered, double, mixed.....	.05	.10	.20
3040a	Rhoeas Shirley, beautiful single and half double, mostly light clear colors.....	.05	.15	.40
3042	“ “ Wild Rose, single, pink.....	.10	.20	.....
3043	“ “ Sweet Briar, double, pink.....	.10	.30	.....
3044	“ “ Double Mixed .....	.05	.10	.30
3041	American Legion, scarlet .....	.05	.10	.25

Sow Poppy in open ground in spring. Transplant Oriental in September. The Nudicaule are NOT 100% hardy, but will bloom first season if sown in early spring.

p POTENTILLA

3064	Warrensii, bright yellow, 2 ft.....	.25	.....	.....
3065	Hybrida fl. pl. Gibson scarlet.....	.25	.....	.....

PRIMULA

		Pkt.	¾ Oz.	Oz.
3069*	Auricula, fine mixture, 5 inches.....	.25	.50	.....
3071*	Cashmeriana, ruby lilac, 5 in. hardy.....	.25	1.00	.....
3073g	Chinensis fimbriata grandiflora, mixed, large-flowered .....	.25	1.50	.....
3074	Chinensis fimbriata Dazzler, orange scarlet, new.....	.50	.....	.....
3078*	Florindae, yellow, 2-3 ft. tall, like moist, shady place .....	.25	1.00	.....
3080g	Kewensis, yellow, blooms a long time. Good for cutting .....	.25	1.00	.....
3082g	Malacoides, nana compacta, new.....	.25	.....	.....
3083g	“ Achievement, large-flowered, rosy lilac....	.25	.75	.....
3084g	“ Gloria, rose .....	.25	.75	.....
3085	“ Gayety, magenta .....	.25	.....	.....
3086	“ Dawkins Carmine Pink.....	.35	.....	.....
3087	“ Ericksoni	1.00	.....	.....
3088	Obconica Gigantea, mixed.....	.25	1.50	.....
3089	“ “ Coerulea, blue .....	.25	2.00	.....
3090	“ “ Alba, white .....	.25	2.00	.....
3091	“ “ Kermesina, Riv, very large crimson red .....	.50	2.50	.....
3092	“ “ Rosea Delicata, light pink, very large .....	.50	2.50	.....
3093	“ “ salmon copper .....	.50	.....	.....
3094	“ “ Kermesina Undulata .....	.25	2.00	.....
3095*	Veris, Polyanthus, Cowslip yellow.....	.25	¼ oz.	2.00
3096	“ mixed, fine collection .....	.25	¼ oz.	1.50

The perennial varieties can be sown in cold frame in May or June. Transplant when large enough and set out the following spring. Need protection in winter.

g **PUNICA (Ornamental Pomegranate)**3998 *Granatum Nana*, red, pot plant, 100 seeds 40c**PYRETHRUM**

	Pkt.	¼ Oz.	Oz.
3101a <i>Parthenifolium Aureum</i> , Golden Feather yellow leaved, 6 in. for edging.....	\$0.05	\$0.15	\$0.40
3103p <i>Cinerariefolium</i> , Insect Powder Plant.....	.10	.20	.60
3105p <i>Hybridum Grandiflorum</i> , single, large-flowered, mixed Painted Daisy .....	.10	.50	1.75
3106 <i>Hybridum Grandiflorum rubrum</i> , large, red.....	.25	1.00	.....
3108 " " <i>roseum</i> .....	.25	3.00	.....
3107 " " <i>white</i> .....	.25	3.00	.....
3112 " fl. pl. double, mixed, very special.....	.25	1.25	.....
3113 " fl. pl. double, red.....	.50	.....	.....
4214 " fl. pl. double, <i>Salmoneum</i> , salmon shades, new .....	.50	.....	.....
4215 " fl. pl. double, <i>Sulphureum</i> , yellow shades, new .....	.50	.....	.....
3114p <i>Uliginosum</i> , Giant White Fall-flowering Daisy, 4-5 ft. long .....	.15	1.00	.....

The Golden Feather can be sown under glass in March and set out in May. The perennial varieties can be sown in June and transplanted in early September. The double varieties do not come 100% double.

QUEEN ANNE'S LACEFLOWER

3115 White, similar to Wild Carrot but larger and a more clear white10	.30	1.00
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RANUNCULUS

3116 <i>Asiaticus Superbus</i> , fine mixture.....	.10	.30
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Can be sown in early spring in cold frame and the roots taken up and stored frost-free over winter and planted again in the spring.

a **RICINUS (Castor Beans)**

3131 Red Spire, red leaves, red seed pods.....	.05	.....	.25
3132 <i>Sanguinea</i> , red stems .....	.05	.....	.15
3133 <i>Zanzibariensis</i> , mixed, largest variety.....	.05	.....	.15
3135 Mixed .....	.05	.....	.15

Sow in pots in March or April and set out when danger of frost is over, or sow in open ground in late May.

RUDBECKIA

3143 Bi-color, fl. pl. new, double flowering.....	.10	.40	.....
3144a Bi-color <i>Superba</i> , large golden yellow daisy.....	.10	.20	.....
3145p <i>Purpurea Grandiflora</i> , purple, Cone Flower.....	.10	.35	.....
3146p <i>Hirta</i> , Black Eyed Susan, yellow with brown cone.....	.10	.50	.....
3147p <i>My Joy</i> , large-flowered, Black Eyed Susan.....	.10	.60	.....
3148 <i>Kelvedon Star</i> , golden yellow shades with dark brown and mahogany center.....	.10	.50	.....
3149 <i>Halo Mixture</i> , new, odd mixture of colors, mostly double .....	.25	.....	.....

The annual variety can be sown under glass or in open ground in spring. The perennial can be sown in June and transplanted in early September. The Black Eyed Susans, if sown under glass early, may bloom first season.

		Pkt.	¼ Oz.	Oz.
REHMANIA				
3120	Angulata, resembles hardy Gloxinia, rose and red shades .....	.25	1.50	.....
<i>Perennial which must be kept from freezing.</i>				
a RHODANTHE, Everlasting				
3125	Mixed, pink and white.....	.05	.15	.50
<i>Sow under glass in March and set out in late May or sow in open ground in May.</i>				
g SAINTPAULIA				
3152	Ionantha, Usambara or African Violet.....	.35	.....	.....
3153	Kewensis, blue .....	.50	.....	.....
<i>For greenhouse use only.</i>				
a SALPIGLOSSIS (Painted Tongue)				
3156	Gloxiniaflora, extra mixture of veined varieties.....	.10	.30	1.00
3157	Emperor Strain, large-flowered, mixed.....	.10	.25	.80
Emperor Strain, in separate colors, 3158 Velvety red , 3159 scarlet and gold , 3160 brown and gold , 3161 light blue and gold , 3162 yellow , 3163 white , 3164 white and gold .....		.10	.35	.....
<i>Sow in March under glass and plant out in late May or sow in open ground in May.</i>				
SALVIA				
3166	Splendens, Blaze of Fire, very dwarf, bushy.....	.25	.....	.....
3167	" Scarlet Sage, 3 ft., latest to bloom.....	.10	.30	1.00
3168	" Bonfire, 2 ft. ....	.25	.45	1.50
3169	" Fireball, 1½ ft. ....	.25	.60	2.00
3170	" Zurich, 1½ ft. ....	.25	.60	2.00
3171	" America, 1½ ft. ....	.25	.60	2.00
3172	" Harbinger, earliest, 15 in.....	.25	1.00	3.50
3173	" White .....	.25	.....	.....
3178	" Violacea, purple .....	.25	.....	.....
3179	" Rose .....	.25	.....	.....
3174	Farinacea, blue, 3-4 ft. ....	.25	.45	1.50
3175	" Blue Bedder, shorter and more blue.....	.25	.80	.....
3176	Patens, deep blue .....	.25	.75	.....
3177	Argentea, silver leaved.....	.10	.30	.....
<i>Sow in early March under glass and plant out after danger of frost is over.</i>				
SANVITALIA (Creeping Zinnia)				
3181a	Procumbens, low growing, double, yellow.....	.10	.35	1.25
<i>Sow under glass in late March or in open ground in May.</i>				
SAPONARIA				
3185*	Ocymoides Splendens, Soap Wort, pink, 12 inches.....	.10	.20	.60
3186a	Vaccaria Multiflora, small flowered, pink, resembles Baby Breath but flowers are large.....	.05	.10	.25
<i>Sow in open ground in late May.</i>				
SAXIFRAGA				
3191*	Cordifolia Splendens, bright pink.....	.25	.....	.....
SCABIOSA (Mourning Bride)				
3196a	Mixed, large-flowered, double, contains all the good colors .....	.05	.20	.60
3193	Cattleya, orchid shade.....	.10	.20	.60
3194	Rosette, bright deep rose, new.....	.10	.60	.....
3195	Blue Cockade, deep blue, conical heads.....	.10	.20	.60
3197	Shasta, large white .....	.10	.20	.60
3198	Peach Blossom, large pink .....	.10	.20	.60

SCABIOSA—Continued

		Pkt.	¼ Oz.	Oz.
3199	Loveliness, soft salmon .....	.10	.25	.80
3200	Fiery red .....	.10	.20	.60
3201	Azure Fairy, light blue .....	.10	.20	.60
3202	Black Prince, maroon red, white anthers.....	.10	.20	.60
3203	Sulphur Yellow .....	.10	.20	.60
3204	Ageratum Blue .....	.10	.20	.60
3205	Rose .....	.10	.20	.60
<i>Sow under glass in March or in open ground in May.</i>				
3206p	Caucasica, Perfecta, lilac, very fine.....	.25	.70	2.50
3207	“ Alba, white .....	.25	.75	2.75
3208	“ Isaac House Strain, many colors.....	.25	.80	3.00
3210	“ Goldingensis, deep blue, fine large flowered strain .....	.25	1.00	.....
3209	Japonica, blue .....	.10	.20	.....
<i>Sow in cold frame in June and plant out in early September.</i>				
<i>Needs some protection in winter.</i>				

a SCHIZANTHUS (Butterfly Flower)

3212	Wisetoniensis Monarch, re-selected strain, very choice	.50	3.00	.....
3213	“ Mixed .....	.10	.25	.80
3214	“ Excelsior Strain, mixed, compact growth	.25	.75	.....
3215	Chislehurst, large-flowered, tall, darker shades.....	.25	.75	.....
3216	Dr. Badgers Hybrids, dwarf, large-flowered.....	.10	.25	.....
3217	Pansyflowered, large individual flowers.....	.25	.....	.....
<i>Sow under glass or in open ground. Blooms 2-3 months after seeding.</i>				

SEDUM

3218	Mixed varieties10
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SENECIO

3219	Dwarf, double, mixed.....	.15	.60
3221	Tall, double, mixed10	.50

SHAMROCK

3220	Irish Shamrock—for pot cultivation.....	.10	.25
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p SIDALCEA

3224	Rosy Gem, rose pink, tall.....	.10	.40
3225	Rose Queen, rose, half tall.....	.10	.40
3226	New Hybrids, many colors, mixed.....	.25	.60	.....
3227	Candida, White .....	.15	.....	.....

SILENE

3231*	Shafta, rose, 8 inches.....	.10	.50	.....
3232p	Orientalis, dark rose, 2½ ft. tall.....	.10	.20	.....
<i>Sow in frame in early summer and transplant in early September.</i>				

SMILAX

3236	Asparagoides, greenhouse climber10	.15	.50
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a SOLANUM (Ornamental Peppers)

3241	Cleveland Cherry, Hlavasek's Masterpiece.....	.25	.50
3242	Cleveland Cherry .....	.10	.30	.75
3246	Prince of Wales, orange fruit.....	.10	.40	.....
3247	Tom Thumb, scarlet fruit .....	.10	.40	.....
3248	Little Gem, garnet fruit.....	.10	.40	.....

Sow in early March, plant out for summer and pot in fall for winter use.

STATICE, Everlasting

	Pkt.	¼ Oz.	Oz.
3256a Bonduelli , golden yellow .....	.05	.10	.30
3257p Caspia , smaller and more graceful than <i>latifolia</i> , lilac .....	.10	.60	.....
3258p Latifolia , sometimes called lavender Baby Breath and Sea Lavender .....	.10	.30	1.00
3259p Perezi Multiflora , deep blue, larger flowers than <i>Latifolia</i> .....	.10	.35	.....
3260p Siberica Pyramidalis , tall, upright growing.....	.10	.50	.....
3261a Sinuata , mixed .....	.05	.10	.30
3262 " white .....	.05	.10	.30
3263 " pink , purplish mauve .....	.05	.10	.30
3264 " blue , special florist variety, fine for cut.....	.10	.20	.60
3265 " yellow , sulphur yellow .....	.05	.10	.30
3267 Sinensis , creamy white, showy.....	.10	.25	.....
3268a Suworowi , upright, pink spikes .....	.10	.25	.80
3269 Dumosa , silvery grey flowers.....	.10	.60	.....
3270p Tatarica , white, for drying .....	.10	.20	.60
<i>Sow in spring. The perennial varieties can be transplanted in early September.</i>			

STEVIA

3275 Serrata , small-flowered, white, greenhouse cutflower10	.40
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a STOCKS

Pkt. ⅛ Oz.

Beauty of Nice. Of this early-flowering variety, we offer seed that has been selected for its high percentage of double flowers. The seed is carried over a year and checked up in Trial grounds. Separate colors, 3286 white , 3287 flesh , 3288 Almond Blossom , 3289 Chamois rose , 3290 lilac rose , 3291 bloodred , 3292 yellow , 3293 light blue , 3294 dark blue , 3295 Mixed . Each25	1.00
3298 Giant of Nice , early flowering, mixed.....				.10	.30
3310 Ten Weeks Branching , mixed .....				.10	.30
3308 " " " Rose .....				.10	.30
3309 " " " White .....				.10	.30
3312 Bismarck Improved (Early Giant Imperial), Mixed.....				.15	.50
branching habit, long stems, high percentage of double flowers. Separate colors 3313 white , 3314 flesh , 3315 old rose , 3316 bloodred , 3317 lavender , 3318 dark blue , 3319 Canary Yellow , 3320 Golden Rose , 3321 Chamois , 3322 Santa Maria , pure white, tall. Each.....				.25	.50
Perpetual Branching (Giant Perfection), early free-flowering, high percentage of double flowers, 3323 Mixed.....				.15	.35
Separate colors, 3324 pure white , 3325 flesh , 3326 rose , 3327 silvery lilac , 3328 pale violet , 3329 violet , 3330 Pale Blue , 3331 Bloodred . Each.....				.15	.35
Mammoth Forcing Column , non-branching. Grows only one tall stem. 3332 Bloodred , 3334 Mixed , 3335 Silver Lilac , 3337 Chamois Rose , 3338 White , 3339 Purple , 3333 Deep Rose , each .....				.50	1.50
<i>For summer blooming, sow stocks in March and set out in late May.</i>					

p STOKESIA (Stokes Aster)

Pkt. ¼ Oz.

3340 Cyanea , large-flowered, blue10	.40
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STREPTOCARPUS

3346 Achimeniflorus , mixed25
3347 Kewensis , crimson red25

SWEET PEAS (Spencer varieties, early-flowering). For Green-house and early outside planting.

		Oz.	$\frac{1}{4}$ Lb.
3355	Amethyst, royal purple .....	.30	1.00
3388	Annie Laurie, rich rose pink.....	.30	1.00
3358	Ball's Rose, improved rose pink.....	.30	1.00
3359	Ball's Blue, clear blue.....	.30	1.00
3360	Ball's Orange, rich orange.....	.30	1.00
3364	Cattleya, rosy lilac.....	.30	1.00
3366	Columbia, salmon rose with white wings.....	.30	1.00
3367	Eileen, begonia rose, shaded salmon.....	.30	1.00
3369	Eleanor Blue, new, light blue.....	.30	1.00
3371	Fascination, salmon rose .....	.30	1.00
3373	Fragrance, fine large lavender.....	.30	1.00
3374	Giant Rose, rose pink.....	.30	1.00
3375	Glitters, cerise .....	.30	1.00
3376	Grenadier, dazzling scarlet.....	.40	1.50
3378	Harmony, clear lavender.....	.30	1.00
3379	Hope, giant white.....	.40	1.40
3381	Jeanne Mamitsch, rose pink, long stems.....	.30	1.00
3382	Josie, rose pink.....	.60	2.00
3384	Laddie, improved large rose.....	.30	1.00
3386	Lavanda, new clear lavender.....	.30	1.00
3387	Majestic Rose, rose pink, long stems.....	.30	1.00
3389	Mrs. Calvin Coolidge, salmon pink.....	.30	1.00
3391	Mrs. Herbert Hoover, clear blue.....	.30	1.00
3394	New Blue, deep blue.....	.30	1.00
3395	Prosperity, orange salmon.....	.30	1.00
3396	Ramona, coral rose.....	.30	1.00
3397	Rose Charm, large bright rose.....	.30	1.00
3398	Sweet Briar, rich rose pink.....	.30	1.00
3399	Shirley Temple, creamy salmon.....	.40	1.50
3401	Spring Song, salmon pink on cream.....	.30	1.00
3403	Superior Pink, rose pink.....	.30	1.00
3405	Valencia, orange, robust grower, long stems.....	.30	1.00
3408	White Harmony, black-seeded White.....	.30	1.00
3412	Zvolanek's Rose, giant rose pink.....	.30	1.00
3414	Mixed	Pkt. .20	.30 1.00
Standard Spencer Varieties, Summer-flowering		Pkt.	Oz. $\frac{1}{4}$ Lb.
3418	Ambition, blue lavender.....	.10	.20 .60
3419	Ascot, bright pink .....	.10	.20 .60
3420	Austin Frederick Improved, large lavender.....	.10	.20 .60
3422	Avalanche, pure white .....	.10	.20 .60
3423	Barbara, fine salmon .....	.10	.20 .60
3424	Bonfire, cherry pink, cream wings .....	.10	.20 .60
3432	Flamingo, cerise scarlet .....	.10	.20 .60
3434	Gleneagles, large lavender .....	.10	.20 .60
3436	Hawlmark Pink .....	.10	.20 .60
3437	Hawlmark Salmon Pink .....	.10	.20 .60
3438	Hawlmark Scarlet .....	.10	.20 .60
3439	Heavenly Blue, light blue .....	.10	.20 .60
3441	Magnet, cream pink .....	.10	.20 .60
3442	Mary Pickford, cream pink suffused salmon.....	.10	.20 .60
3444	Olympia, royal purple .....	.10	.20 .60
3445	Pinkie, large rose pink .....	.10	.20 .60
3446	Powerscourt, lavender .....	.10	.20 .60
3448	Reflection, clear blue .....	.10	.20 .60
3450	Ruddigore, scarlet .....	.10	.20 .60
3451	Warrior, maroon .....	.10	.20 .60
3452	Sextet Queen, large white.....	.10	.20 .60

SWEET PEAS (Spencer Varieties, Summer flowering)—Continued

		Pkt.	Oz.	¼ Lb.
3453	What Joy, cream .....	.10	.20	.60
3454	Youth, large white and pink .....	.10	.20	.60
3456	Especially Mixed Spencer Varieties .....	.10	.20	.60
3458	Cupid Spencer Mixed, grows only about 1 ft. high.....	.10	.20	.75
	Perennial Sweet Peas—see Lathyrus			

a TAGETES (Marigold)

		Pkt.	¼ Oz.	Oz.
2710	Signata Pumila, dwarf yellow .....	.10	.25	.....
2711	Signata Pumila Gnome, dwarf orange.....	.10	.35	.....

p THALICTRUM (Meadow Rue)

3863	Adianthifolium, tall .....	.10	.35	.....
3864	Dipterocarpum, lilac, fine for cut flowers.....	.10	.35	.....
3865	Dipterocarpum Album, white .....	.25	.....	.....
	<i>Sow in cold frame and plant out in open when large enough.</i>			

p THERMOPSIS

3870	Caroliniana, grows about 4 ft. tall, bushy, yellow Lupin-like panicles .....	.25	.75	.....
	<i>Sow in open ground in May or June and transplant in early September or next spring.</i>			

a TITHONIA (Mexican Sunflower)

3875	Speciosa, bright orange scarlet, single flowers, tall early flowering strain.....	.10	.40	.....
	<i>Sow under glass in March and set out when danger of frost is over.</i>			

pr THYMUS

3880	Serpyllum, wild thyme, reddish purple flower.....	.25	.....	.....
3881	Vulgaris, French thyme .....	.10	.....	.....
	<i>Sow in cold frame and transplant to open ground when large enough to move.</i>			

ac THUNBERGIA

3885	Alata, mixed, hanging habit, fine for boxes or vases....	.10	.20	.....
	<i>Sow under glass in March, pot and plant outside when danger of frost is over.</i>			

TORENIA

3889	Fournieri, blue .....	.25	.75	.....
3890	Baillonii, yellow with brown .....	.25	.....	.....
3891	White Wings .....	.25	.....	.....
	<i>Sow under glass in February, pot and plant outside in late May or June.</i>			

TRACHELIUM (Throat Wort)

3895	Coeruleum, blue, resembles a tall Ageratum.....	.25	1.50	.....
	<i>A perennial in warmer climate, but here it can be used as bi-annual, and it will bloom the first season if sown under glass in early spring.</i>			

p TRITOMA (Red Hot Poker)

3899	Uvaria Grandiflora, tall, orange red.....	.10	.50	.....
3900	Hybrida Semperflorens, mixed, blooms first year if sown early .....	.10	.50	.....

pr TROLLEUS (Globe Flower)

3905	Europaeus, yellow .....	.10	1.00	.....
3906	Hybrids, mixed, orange and yellow .....	.10	.....	.....

TUNICA

3910*	Saxifraga, mossy foliage, small pink flowers.....	.10	.25	.....
	<i>Will bloom first year if sown early.</i>			

		Pkt.	¼ Oz.	Oz.
URSINIA				
3915a	Anethoides, bright orange, 12 inches.....	.10	.60	.....
3916r	Pulchra, orange, 6 in.....	.25	.....	.....
<i>Fine for Bedding Plants, also Pot Plants.</i>				
pr VALERIANA				
3920	Officinalis Alba, Garden Heliotrope, sweet scented.....	.10	.50	.....
3923	Rubra, mixed .....	.10	.20	.....
<i>Sow in May or June and transplant in early September.</i>				
VENEDIUM				
3924	Fastuosum, large, single, shiny orange flowers, glittering black disc, grey foliage.....	.25	.....	.....
p VERBASCUM (Mullein)				
3926	Phoeniceum Hybridum, dwarf mixed .....	.10	.50	.....
<i>Sow in May or June and transplant in early September.</i>				
ar VERBENA				
3932	Mammoth, mixed .....	.10	.30	1.00
3934	Helen Willmott, clear pink.....	.10	.60	.....
3936	Grandiflora (Gigantea), mixed .....	.10	.40	1.40
3937	Grandiflora white .....	.10	.50	.....
3938	“ blue .....	.10	.50	1.60
3939	“ rose with eye.....	.10	.50	1.60
3940	“ scarlet .....	.10	.50	1.60
3941	“ Royale purple with eye.....	.10	.50	1.60
3942	“ Lavender Glory, clear lavender, white eye .....	.10	.50	.....
3943	“ Beauty of Oxford Hybrids, very large-flowered. Shade from clear rose pink to rose red .....	.25	.60	.....
3946	Compacta, Mixed .....	.10	.60	2.00
3947	“ Fireball, bright scarlet, very dwarf and compact .....	.25	.60	.....
3948	“ Venus, new beautiful light pink.....	.25	.....	.....
3950	Royal Bouquet, mixed, upright, long straight stems .....	.25	.80	.....
3953	Erinoides, blue, (Moss Verbena).....	.10	.35	.....
3955	Venosa, light purple, Bedding Verbena .....	.10	.35	.....
3958	Lemon Verbena, lemon scented foliage .....	.25	.....	.....
3960	Bonariensis, rosy lavender, sweet scented, branching, 4 ft. tall. Fine for flower beds and borders.....	.25	.....	.....
<i>For spring blooming, sow Verbena in January or February and for later blooming, sow in March under glass, or in open ground in May.</i>				
pr VERONICA				
3965	Spicata, blue .....	.10	1.00	.....
3966	Incana, blue-grey foliage.....	.10	.60	.....
3967	Repens, creeping, white and blue .....	.25	.90	.....
3968	Mixed .....	.10	.....	.....
<i>Sow in spring or fall in frame.</i>				
a VINCA (Periwinkle)				
3972	White, 3973 rose, 3974 Mixed. Each.....	.10	.25	.80
<i>Sow in February, pot and plant out after danger of frost is past.</i>				

pr VIOLA

		Pkt.	¼ Oz.	Oz.
3980	Bosniaca , magenta purple .....	.15	.75	.....
3979	Cornuta, Arkwright Ruby , small-flowered, crimson red .....	.25	1.50	.....
3981	“ (Tufted Pansy), mixed .....	.10	.40	1.25
3982	“ Admiration , dark blue .....	.10	.50	.....
3983	“ Apricot Chantreyland .....	.25	1.50	.....
3984	“ Lord Nelson , dark purple, largeflowered.....	.10	.80	.....
3985	“ Blue Gem (Jersey Gem), deep purple.....	.25	3.00	.....
3986	“ Blue Perfection , light blue .....	.10	.50	.....
3987	“ Mauve Queen , violet mauve.....	.10	.60	.....
3988	“ Gustav Wermig , dark purple, long stem, re- sembling violets .....	.25	2.00	.....
3990	“ Lutea Splendens , clear yellow .....	.10	.50	.....
3991	“ Mistrals Mouring , purple, nearly as dark as Jersey Gem .....	.25	1.00	.....
3992	“ Normandie , rich wine purple.....	.25	.....	.....
3993	“ White Perfection , white .....	.10	.50	.....
3994	“ Purple Queen , deep purple.....	.10	.60	.....
3995	“ Jackanapes , small flowered. Two upper petals dark mahogany, three lower petals golden yellow .....	.35	.....	.....
3996	“ Mrs. A. H. Scott , purple and white, very free-flowering .....	.25	.....	.....
3998	Tri-color Arvensis , (Wild Pansies) .....	.10	.60	.....

Sow in spring or summer. The Odorato are slow germinating.

a VISCARIA

4005	Oculata , mixed, grows about a foot high.....	.05	.15	.40
4006	Blue Pearl , free flowering, pure lavender blue.....	.10	.50	.....
4007	Rose Beauty , upright growth, bright rose pink, large- flowered .....	.10	.50	.....

Sow in open ground in May.

WALLFLOWER

4010	Parisian Bloodred , single. Fine for forcing for cut flowers .....	.10	.20	.60
4011	Goliath , single, dark brown .....	.10	.15	.50
4012	La Nigresse , yellow, buds black before opening.....	.10	.25	.....
4013	Tom Thumb , mixed, single, compact .....	.15	.50	.....

The single varieties bloom first season, if sown early.

a XERANTHEMUM, Everlasting

4019	Double , mixed05	.15	.50
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Sow in open ground in May. The flowers can be cut and dried for winter bouquets.

a ZEA (Rainbow Corn)

4024	Quadri-color , various colored leaves0520
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Sow in open ground in May.

a ZINNIA

4030	Elegans , double, mixed05	.15	.50
4034	Early Wonder , mixed, early blooming, upright, long stems15	.60
4035	“ “ Rose Pink , fine pink.....	.15	.60	.....
4037	Cornucopia Mixture , each petal forms a small cornu- copia, giving the flower some resemblance to a Pom- pon Dahlia .....	.15	.40	.....

ZINNIA—Continued

		Pkt.	¼ Oz.	Oz.
4038	Fantasy , twisted and curled petals, odd shaped.....	.15	.40	.....
4039	“ Star Dust , deep golden yellow.....	.15	.60	.....
4040	Scabious-flowered , mixed, tall, large-flowered. Each flower has a row of long petals with a center looking like a Scabiosa flower was laid on the flower.....	.25	.75	.....
4041	Scabious-flowered Giants , mixed .....	.25	2.00	.....
4043	Gaillardia-flowered (Navajo) mixed, about 2 ft. tall, flowers about 2 inches across, resembling somewhat a double Gaillardia. Very fine color combination.....	.10	.30	1.00
4044	Linearis , single yellow, grows about 1 ft., but spreads out during the blooming period, very free-flowering....	.10	.60	.....
4045	Mexicana , double, orange yellow, 16 inches.....	.10	.40	.....
4046	“ “ mixed .....	.10	.40	.....
4047	“ Gypsy Girl , yellow with brown center.....	.10	.40	.....
4048	Tom Thumb Mixture , new, small-flowered, dwarf type. Can be used in Rock Garden.....	.10	.30	1.00
4049	Lilliput , small-flowered, mixed, double, 12 in.....	.10	.20	.60
4050	“ White Gem .....	.10	.25	.80
4051	“ Canary yellow .....	.10	.25	.80
4052	“ Salmon rose .....	.10	.25	.80
4053	“ Rosebud , rose pink.....	.10	.30	1.00
4054	“ Red Riding Hood , scarlet .....	.10	.25	.80
4055	“ Crimson Gem , dark crimson .....	.10	.25	.80
4056	“ Purple .....	.10	.25	.80
4057	“ Valencia , burnt orange.....	.10	.25	.80
	Pumila (Cut and Come Again) double. Good for cut flowers. Flowers are well shaped, about 1½ inches in diameter. Plants grow 1½ to 2 ft. high.			
4060	“ Mixed .....	.10	.15	.50
4061	“ white .....	.10	.20	.60
4062	“ flesh .....	.10	.20	.60
4063	“ salmon rose (Watermelon Pink).....	.10	.20	.60
4064	“ Pinkie , fine rose pink.....	.10	.20	.60
4065	“ Picotee Delight , salmon rose.....	.10	.40	1.25
4067	“ Canary yellow .....	.10	.20	.60
4068	“ Golden orange .....	.10	.20	.60
4069	“ Fireball , bright scarlet .....	.10	.20	.60
4070	“ Crimson .....	.10	.20	.60
4071	“ Violet .....	.10	.20	.60
4075	Double Giants , mixed, large-flowered, long stems.....	.10	.25	.80
4074	“ “ Faust , blackish maroon.....	.10	.25	.80
4076	“ “ deep flesh .....	.10	.25	.80
4077	“ “ Salmon .....	.10	.25	.80
4078	“ “ deep salmon rose .....	.10	.25	.80
4079	“ “ bright rose .....	.10	.25	.80
4080	“ “ Canary yellow .....	.10	.25	.80
4081	“ “ burnt orange .....	.10	.25	.80
4082	“ “ scarlet .....	.10	.25	.80
4083	“ “ purple .....	.10	.25	.80
4084	“ “ crimson .....	.10	.25	.80
4085	“ “ lavender .....	.10	.25	.80
	California Giants . Larger and better than the Double Giants. Nearly as large as the Dahlia-flowered.			
4086	“ “ Mixed .....	.10	.30	1.00
4087	“ “ Purity , white .....	.15	.30	1.00



ZINNIA CALIFORNIA GIANT

ZINNIA—Continued

			Pkt.	¼ Oz.	Oz.
4088	California Giants.	Brightness, deep pink.....	.15	.30	1.00
4089	"	Enchantress, pink .....	.15	.30	1.00
4090	"	Miss Willmott, soft pink.....	.15	.30	1.00
4091	"	Rose Queen, bright rose.....	.15	.30	1.00
4092	"	Cerise Queen, cerise rose.....	.15	.30	1.00
4093	"	Orange King, orange scarlet.....	.15	.30	1.00
4094	"	Scarlet Gem, glowing scarlet.....	.15	.30	1.00
4095	"	Salmon Queen, salmon rose.....	.15	.30	1.00
4096	"	Grenadier, bright dark red.....	.15	.30	1.00
4098	"	Daffodil, clear yellow.....	.15	.30	1.00
4099	"	Golden Queen, golden yellow.....	.15	.30	1.00
4100	"	Lavender Gem .....	.15	.30	1.00
	Dahlia-flowered.	Considered the best variety of large-flowered Zinnias.			
4110	"	Mixed, very fine.....	.10	.25	.80
4111	"	Mixture of named varieties.....	.15	.30	1.00
4112	"	Canary Bird, primrose yellow.....	.15	.30	1.00
4113	"	Crimson Monarch, largest Zinnia.....	.15	.30	1.00
4114	"	Dream, deep lavender .....	.15	.30	1.00
4115	"	Exquisite, light rose, center deep rose, well formed flower.....	.15	.30	1.00
4116	"	Golden Dawn, golden yellow.....	.15	.30	1.00
4118	"	Illumination, deep rose, darker shade than Exquisite....	.15	.30	1.00
4119	"	Meteor, deep red.....	.15	.30	1.00
4120	"	Old Gold, deeper and lighter shades of old gold.....	.15	.30	1.00

ZINNIA—Continued

		Pkt.	¼ Oz.	Oz.
4121	Dahlia-flowered. Oriole, orange and gold.....	.15	.30	1.00
4122	“ Polar Bear, white .....	.15	.30	1.00
4123	“ Purple Prince, deep purple.....	.15	.30	1.00
4124	“ Scarlet Flame, bright scarlet.....	.15	.30	1.00
4126	“ Tango, brilliant orange .....	.25	.60	.....
4130	“ Crown of Gold, fine shades of colors .....	.15	.40	.....
4132	“ Desert Gold, new. Beautiful shade of yellow, picoteed.....	.15	.45	.....

Zinnias can be sown in open ground in May or under glass in late March or April. The small varieties should be spaced at 6 inches and the larger at about 18 inches apart.

MIXTURE OF FLOWER SEEDS

4150	California Wild Flowers, mixed.....	.05	.20	.60
4151	Dwarf Annual Flowers, mixed.....	.05	.10	.25
4152	Tall Annual Flowers, mixed.....	.05	.10	.25
4153	Annual Flowers, tall and short, mixed.....	.05	.....	.15
4154	Dwarf Perennials, mixed .....	.10	.25	.....
4155	Tall Perennials, mixed .....	.10	.25	.....
4156	Everlasting, mixed .....	.05	.15	.50
4157	Ornamental Grasses, mixed.....	.05	.15	.50
4158	Japanese Flowers, mixed.....	.05	.15	.50

BIRD SEEDS

(Not Sent Prepaid)

	Per Lb.	10 Lbs.
Canary, Turkish or Marocco.....	.15	1.25
Rape, sweet German.....	.15	1.25
Rape, ordinary black.....	.15	1.10
Hemp .....	.15	1.10
Millet .....	.10	.90
Silver Millet, imported .....	.15	1.25
Sunflower .....	.15	1.25
Poppy Seed, Blue .....	.30	.....
Lettuce Seed, white or black.....	.40	.....
Thistle, Inga or Niga.....	.40	.....
Gold of Pleasure.....	.40	.....
Mixture of several kinds.....	.15	1.25
Condition Mixture, a treat for canaries.....	.35	.....
Flax .....	.10	.....
Hulled Oats .....	.10	.....
Sesame .....	.30	2.50
Cuttlebones, each 5c .....	.80	.....
Cuttlebone, small and broken pieces.....	.40	.....
Magnesia Grit, Crushed rock, per box.....	.15	.....
Silver Cliff Gravel, per box .....	.10	.....
Pulvex, non-poisonous powder for killing fleas, lice on birds, dogs or other pets, 2 oz. package .....	.50	.....

LAWN SEEDS

(Prices Variable)

	Per Lb.	10 Lbs.
Kentucky Blue Grass, fancy grade, 90% Purity.....	.30	\$2.75
“ “ “ 21 lb. Grade, 84% Purity.....	.25	2.25
“ “ “ very heavy grade, 98% Purity.....	.40	3.75
One of the best grasses for permanent lawns. Slow to germinate but when once established, makes a beautiful lawn.		
Rough Stalked Meadow Grass—(Poa Trivialis).....	.50	4.75
Deep green, fairly quick to germinate, does well in partly shaded places.		
Wood Meadow Grass (for shade).....	1.25	.....
Only recommended for shade, slow to germinate and to get established. Deep green.		
Red Top, solid seed, fancy grade.....	.30	2.75
Quick germination and growing. Light green.		
Astoria Creeping Bent Grass.....	1.00	.....
Quick germination, light green, thin fine blades and spreads out by the roots.		
Seaside Bent Grass.....	1.00	.....
Rye Grass, good for 1 year lawns only.....	.20	1.70
Domestic type, and a mixture of English and Italian grasses. Recommended where quick effect or growth is desired. Only partly hardy in this climate.		
Italian Rye Grass .....	.25	2.25
Rather coarse. Used some for lawns where a quick growing, tough sod is desired. Usually lasts 2 years.		
White Clover, extra clean.....	.60	5.80
White Clover, extra fancy grade.....	.65	6.20
White Clover, English (Kent), saved from old English pastures.....	1.60	.....
Danco Mixture. Our most popular mixture for permanent lawns.....	.30	2.75
Best mixture for permanent, luxurious lawns. Contains Kentucky Blue Grass, Red Top, Poa Trivialis, Creeping Bent and White Clover.		
Danco Special Mixture, made up of only the highest grade of Ky. Blue Grass, Poa Trivialis, Red Top and Bent Grass.....	.60	5.75
Quick Result Mixture .....	.25	2.25
Where quick growth is desired we recommend this mixture. Contains Kentucky Blue Grass, Red Top, Rye Grass and White Clover.		
Shady Mixture .....	.40	3.75
Especially prepared for shady places. Contains Kentucky Blue Grass, Red Top, Rough Stalked Meadow Grass, Wood Meadow and White Clover.		
Sterling Mixture .....	.30	2.75
A very popular mixture, containing Kentucky Blue Grass, Red Top and White Clover.		
Red Fescue (Chewings Fescue).....	.80	.....
Meadow Fescue .....	.25	2.00

SUGGESTIONS FOR MAKING A LAWN

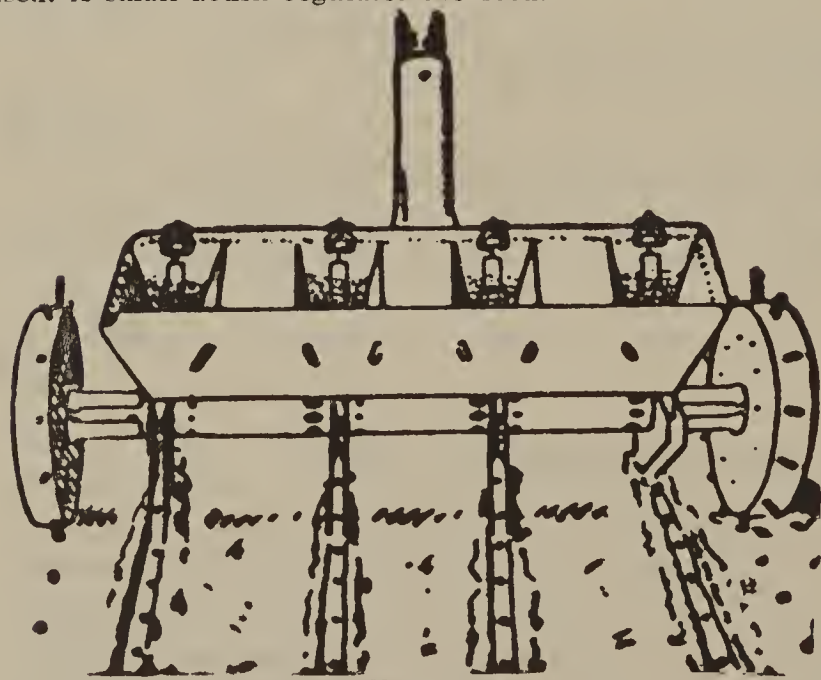
In making a new lawn, the soil should be spaded very thoroughly and if any Quack-grass is present, all the roots should be picked out. The surface must be made level at the same time. After leveling, the soil should be either tramped down or rolled with a heavy roller to get the foundation firm. Seed should be broad-cast very evenly at the rate of 1 lb. of good clean seed to about 200 square feet. The seed should then be either covered with a thin layer of soil or chopped down and the soil rolled again and watered. For repairing an old lawn we recommend to scratch the sod thoroughly and deep with a rake so the dead grass can be cleared off and the surface of the soil rough, then sprinkle the seed. Now go over the lawn again with the back or smooth side of the rake to cover up as much seed as possible. Another method will be to sprinkle seed on the old lawn and then cover with at least ½-inch of finely pulverized peat moss. Can offer such Peat Moss in truck loads at a very reasonable price. Once in a while the lawn, especially an old one, should be given an application of some good plant food containing Nitrogen.

BULBS AND ROOTS

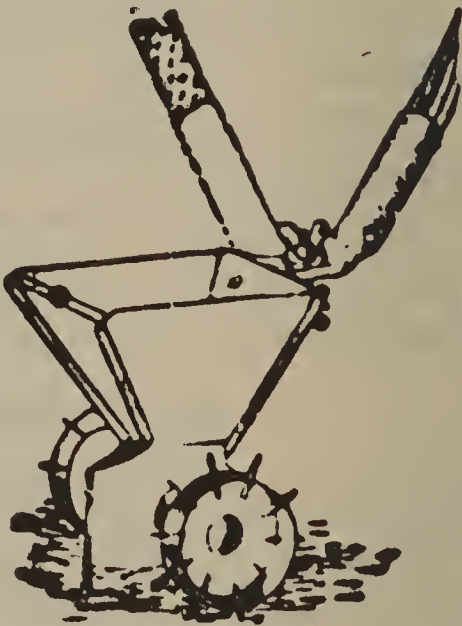
	Each	Doz.	100
Amaryllis Hybrids, large-flowered, different colors.....	.50	\$5.00	.....
Anemone de Caen, 1 year old, single, large-flowered, mixed.....	.....	.30	.....
Begonia tuberos rooted, single or double.....	.20	2.00	14.00
Bleeding Heart, Dicytra spectabilis, large clumps.....	.25	.....	.....
Caladium, Fancy-leaved, mixed .....	.25	2.50	.....
Caladium, Elephant's Ear .....	.10	1.00	.....
Calla, yellow .....	.25	2.50	.....
Gloxinia, mixed .....	.35	3.50	.....
Hyacinthus candicans, Summer Hyacinths, tall, white.....	.15	1.50	.....
Ismene Calathina, Peruvian Daffodil, white, fragrant, Lily-like flower .....	.20	2.00	.....
Lilium Auratum, Japanese Gold-banded Lily, 8-9 in. bulb.....	.20	2.00	.....
“ “ 9-11 in. bulb .....	.30	3.00	.....
“ Phellipinensis Formosaum .....	.15	1.50	.....
“ Hansoni .....	.40	4.00	.....
“ Henryi, yellow .....	.25	2.50	.....
“ Rubrum, pink or reddish, 8-9 in. bulb.....	.20	2.00	.....
“ “ 9-11 inch bulb .....	.30	3.00	.....
“ Regale, white, pink back, fragrant, 7-8 in. bulb.....	.20	2.00	.....
“ “ 8-9 in. bulb .....	.25	2.50	.....
“ “ 9-10 in. bulb .....	.35	3.50	.....
“ Tenuifolium, small, orange coral Lily.....	.15	1.50	.....
“ Tigrum, double Tiger Lily .....	.15	1.50	.....
“ Umbellatum, upright growing .....	.25	2.50	.....
Montbretia, mixed .....	.07	.75	.....
Nerine Sarniensis, Guernsey Lily, orange.....	.25	2.50	.....
Tigridia, mixed, tigered flowers .....	.12	1.25	.....
Tuberoses, double, dwarf, Excelsior Pearl, large bulbs.....	.06	.60	.....
“ Mexican, Tall .....	.06	.60	.....

BAVARIAN SEEDERS (Patented)
For Greenhouses and Hotbeds

Small, very handy seeders, practical to use in Greenhouses and in Frames where a large machine cannot be used. Will plant almost any variety of seeds except very large seeds, such as Corn, Beans and large seeded Peas. Can be used for Sweet Peas and Beets if the extra Arbor is used. A small brush regulates the feed.



No. 4



No. 1

No. 1. One rowed Seeder holds about 4 ounces of Radish Seeds. Handle can be moved in any direction. Price \$4.00.
No. 1A. Extra Arbor for very small and very large seeds. Price 50c.
No. 4. Four rowed machine to plant four rows of seeds 2¼ inches apart. The cylinder is made with three sets of holes. Price \$7.50.
We do not furnish the wooden handles for any of these machines.

GLADIOLUS

Prices are for No. 1 bulbs, state inspected. Prices on smaller sizes or on bulbs in larger quantities, we will be glad to quote.

Price for 1 bulb is one-tenth of the dozen price.

	Per Doz.	Per 100
Aflame, begonia rose shading to bright orange, tall spike.....	.50	3.00
Aida, deep purple .....	.50	3.00
Albatross, pure white, straight, tall spike.....	.60	4.00
Ave Maria, large blue with purple blotch.....	.50	3.50
Berty Snow, lavender.....	.50	3.00
Betty Nuthall, light coral, orange throat, erect spike.....	.50	3.00
Bill Sowden, large deep bloodred.....	.60	4.00
Commander Koehl, deep red, very tall, large flowers.....	.60	4.00
Coryphee, large, pure pink, strong stem.....	.60	4.00
Debonair, light pink, creamy throat.....	.50	3.50
Dr. F. E. Bennett, deep fiery red, large flowers, tall spikes.....	.50	3.00
Dr. Moody, clear lavender, small markings.....	.50	3.50
Emile Auburn, coppery bronze, shaded smoky blue.....	.50	3.00
Gate of Heaven, ruffled, rich pure yellow.....	1.20	9.00
Golden Dream, clear yellow, tall spikes.....	.40	2.50
Hinemoa, deep pink, flecked deep crimson, yellow blotch.....	1.00	7.00
Joerg's White, large pure white, crimson stripe.....	.50	3.50
Morocco, very dark maroon.....	.50	3.50
Mrs. Leon Douglas, very tall rose-pink, red flecks.....	.40	2.50
Mrs. v. Konyenburg, good light blue, strong grower.....	.50	3.00
Loyalty, deep yellow .....	.50	3.50
Maid of Orleans, large milky white with creamy throat.....	.70	5.00
Mammoth White, pure white, very large.....	.60	4.00
Marmora, lavender grey, smoky, large flowers, tall spikes.....	.50	3.50
Minuet, tall, fine lavender.....	.60	4.00
Mother Machree, smoky lavender with salmon.....	.60	4.00
Mr. W. H. Phipps, large La France pink.....	.40	2.50
Pelegrina, pure dark violet blue, tall spike.....	.60	4.00
Pfitzer's Triumph, bright flaming scarlet.....	.50	3.50
Picardy, very large, tall, light pink.....	.50	3.00
Smiling Maestro, orange salmon pink.....	1.20	9.00
Star of Bethlehem, very large snowy white.....	2.00	.....
Tip Top, brilliant scarlet, dark throat, very large flower.....	2.50	.....
Toberson, large clear yellow.....	.60	4.00
Wasaga, clear apricot buff, fine flower.....	.60	4.00
Minnetonka Mixture, good varieties mixed.....	.25	1.75
Gladwyn Mixture—many kinds .....	.20	1.25

Gladiolus can be planted during May and June.



The seed you use, the time you plant, and the method of planting you follow are all very important in achieving the beautiful garden you desire. Use our high test seeds and plant them right . . . *but don't stop there!*

Make sure that the young plants will find ample nourishment when they develop feeding roots.

Scientists have shown that all plants require 11 different food elements from the soil if they are to have normal growth and development. Vigoro, the complete, balanced plant food made by Swift, contains every one of these 11 needed elements in proper proportion.

Vigoro is clean, sanitary, and odorless. Use it at the rate of 4 pounds per 100 square feet of lawn or garden area, or follow the simple directions enclosed in every bag or package.

VIGORO

Complete plant food

100-lb. bag \$4.00
 50-lb. bag \$2.50
 25-lb. bag \$1.50
 10-lb. pkg. \$.85
 5-lb. pkg. \$.45
 1-lb. pkg. \$.10
 F. O. B. Mpls.

FERTILIZERS



MIXTURES OR COMBINATIONS

Lawn and Garden Fertilizers (Armour's)—Combination of 4% Nitrogen, 8% Phosphoric Acid, 6% Potash. Quick acting, for general use on lawns and gardens. 25 lbs. \$1.00—50 lbs. \$1.75—100 lbs. \$3.00.

Special Tree Food (Armour's)—10% Nitrogen, 8% available Phosphoric Acid and 6% Potash. Good for all types of shade trees and Evergreens. For Shade Trees apply in holes drilled 16 inches deep and 2 feet apart under the drip of outside branches at the rate of $\frac{3}{4}$ lb. per each foot in height of tree up to 50 lbs. per tree. For Evergreens use $\frac{1}{2}$ lb. per foot in height of tree and work into surface soil. 100 lbs. \$3.15.

Special Turf Fertilizer (Armour's)—A complete grass plant food. 10% available Nitrogen, 8% Phosphoric Acid and 6% Potash. For Golf-Course Fairways, broadcast 500 lbs. per acre in early spring or 300 lbs. per acre in early fall. For Greens, mix 10-20 lbs. with compost and apply to each 1000 square feet and drench in. For Lawns, use 2 to 3 lbs. per 100 square feet and water in thoroughly. 100 lbs. \$3.15.

Vigoro, see preceding page.

Gromor (Bob White Mills, Duluth)—Special Garden and Lawn Fertilizer with peat as base. Contains 5% Nitrogen, 10% Phosphoric Acid and 5% Potash. 5 lbs. 45c—10 lbs. 85c—25 lbs. \$1.50—50 lbs. \$2.50—100 lbs. \$4.00.

Mel-O-Grond, a balanced mixture of 80% Montana Sheep Manure and 20% Sun Cured Bone Meal. 100 lbs. \$2.50.

Florist Special Mixture (Armour's)—All inorganic and quickly available. 5% Nitrogen, 15% Phosphoric Acid and 5% Potash. Recommended for all types of plants under glass or outside. Before planting, apply 6 lbs. per 100 square feet and work thoroughly into the soil. For soil piles mix a 4-inch pot full with each wheelbarrow of soil. 100 lbs. \$3.00.

Stim-U-Plant, small tablets of highly concentrated fertilizer for Pot Plants, Window Boxes and can also be used for outside. Packet of 30 tablets 25c—Packet of 100 tablets 75c.

Milorganite, a fertilizer made from the Milwaukee sewerage system, and very beneficial for lawns and gardens, 100 lb. bag \$3.10—50 lb. \$1.95.

OTHER FERTILIZERS AND PEAT

Bone Meal—A high grade steamed bone meal for enriching the soil. Not a stimulant, but more for general improvement of soil. Nitrogen 2%, Phosphoric Acid 24%. 5 lbs. 30c—25 lbs. 90c—50 lbs. \$1.50—100 lbs. \$2.50.

Sulphate of Ammonia, kiln dried, 21% inorganic Nitrogen. For use outside or under glass. In Liquid Manure, dissolve 2 lbs. per 50 gallons of water. 1 lb. 10c—5 lbs. 35c—10 lbs. 60c—25 lbs. \$1.00—50 lbs. \$1.75—100 lbs. \$3.00.

Sheep Manure, Pulverized—A humus rich fertilizer for general use. 5 lbs. 35c—10 lbs. 60c—25 lbs. 90c—50 lbs. \$1.50—100 lbs. \$2.50.

Montana Sheep Manure, dry, pulverized, 100 lb. bag \$2.00.

Rose Grower Bone Meal (Raw Bone Meal)—3¾% Nitrogen, 22% available Phosphoric Acid. Finely pulverized, more quickly available than ordinary Raw Bone Meal. For Benches, 10 lbs. per 100 square feet mixed with the soil is recommended. Very good for perennial gardens. 100 lbs. \$3.00.

Muriate of Potash, 50% Potash. Used with other materials such as Phosphoric Acid. Of special value for Potatoes and other root crop. 5 lbs. 35c—10 lbs. 60c—25 lbs. \$1.25—50 lbs. \$2.00—100 lbs. \$3.25.

Super-phosphate, 20% available inorganic Phosphoric Acid. 5 lbs. 25c—10 lbs. 40c—25 lbs. 85c—50 lbs. \$1.50—100 lbs. \$2.50.

Multiphos, 45% available inorganic Phosphoric Acid. 100 lbs. \$4.00.

Nitrate of Soda, 16% inorganic Nitrogen, readily soluble and quickly available. A stimulant for grass and other green plants. 1 lb. 10c—5 lbs. 35c—10 lbs. 60c—25 lbs. \$1.00—50 lbs. \$1.80—100 lbs. \$3.15.

Horn Shavings—Fine, light, fluffy shavings for mixing in soil for Cyclamen and other pot plants. 50 lb. bag \$4.00.

Sulphate of Potash for carnations, 100 lbs. \$4.00.

Charcoal—Powdered or coarse, 50 lbs. \$1.25.

Urea (Floranid)—46% Nitrogen. 1 lb. 25c—5 lbs. 75c—10 lbs. \$1.75—50 lbs. \$6.00.

Adco—Used to mix with leaves, straw or other green matter for converting such material into manure quicker than in a compost heap. 25 lbs. \$2.50—150 lbs. \$13.00.

Cotton Seed Meal—Sometimes used as a fertilizer, rich in humus. 100 lbs. \$3.25.

Blood Meal—Valuable fertilizer, gives plants and flowers a richer and deeper color. 1 lb. 15c—10 lbs. \$1.25—100 lbs. \$5.65.

Scotch Soot—Imported, for stimulating leaf growth. 5 lbs. 65c—10 lbs. \$1.15—25 lbs. \$2.50.

Sorbex, very finely pulverized imported Peat for mixing in soil or for seed flats. Sack \$3.00.

Peat Moss, Horticultural—Imported bales. For mulching Lily beds or perennial borders and for general use in mixing with soil or for mulching. A bale contains more than 20 bushels of Peat when loosened up. 1 bale \$4.25—5 bales \$20.00—10 bales \$37.50.

25c per bale less if not delivered or for shipment.

Spaghmun Moss, per bale \$1.25.

Gypsum or Land Plaster—100 lb. bags \$1.25.

Limite—Hydrated lime, used for applying to sour soil. 5 lbs. 20c—10 lbs. 35c—50 lb. bag. \$1.00.

For Fertilizer in ton lots, please ask for prices.

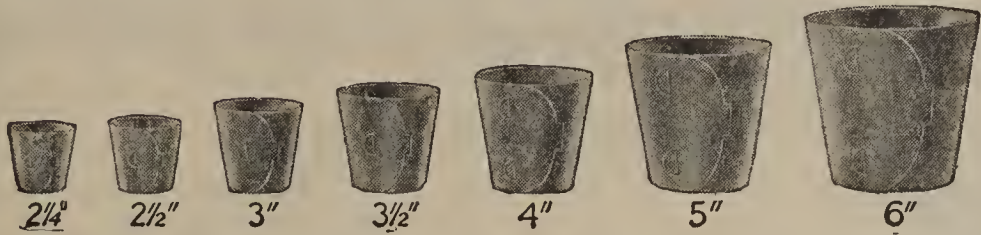
FIELD SEEDS

We carry a full line of Field Seeds; such as Clovers, Grasses, Millet, Corn and Grains, but as the prices on these items vary, we cannot very well make a price at this time which will be good for any length of time. We carry only the highest qualities, and sell at the lowest prevailing market price for such quality.

NITROGEN—for inoculating Alfalfa, Clover, Beans, Garden Peas and Sweet Peas with Nitrogen gathering bacteria. Garden size for Peas, Beans, Sweet Peas, and Lupinus, 10c; ½ bushel size for Alfalfa and Clovers, 35c; bushel size, 55c. Bushel size for Soya Beans, 35c.

MISCELLANEOUS SUPPLIES

Bird's IMPROVED NEPONSET Flower Pots



Red	Doz.	100	1,000	5	inch	.....	.25	1.25	10.00
2 1/2 inch	.....	.10	.60	3.75	6	inch	.....	.30	1.60 13.00
3 inch	.....	.12	.75	4.00	Green				
3 1/2 inch	.....	.15	.90	6.00	2 1/2 inch	.....	.15	1.00	6.75
4 inch	.....	.20	1.00	7.50	3 inch	.....	.20	1.25	8.00
					3 1/2 inch	.....	.30	1.35	11.00

CLAY FLOWER POTS

We have on hand all sizes from 1 1/2 to 12 inches at lowest prices.

BAMBOO CANES, GREEN

Japanese Cane, pencil thickness, dyed green

	100	1,000	3 1/2 ft.	.....	1.00	6.00
1 1/2 ft.	.....	\$0.45	\$3.00	4 ft.	.....	1.25 7.50
2 ft.	.....	.50	3.75	5 ft.	.....	1.75 12.50
2 1/2 ft.	.....	.75	4.50	6 ft.	.....	2.00 16.50
3 ft.	.....	.90	5.00	6 ft. Natural	.....	1.75 12.50

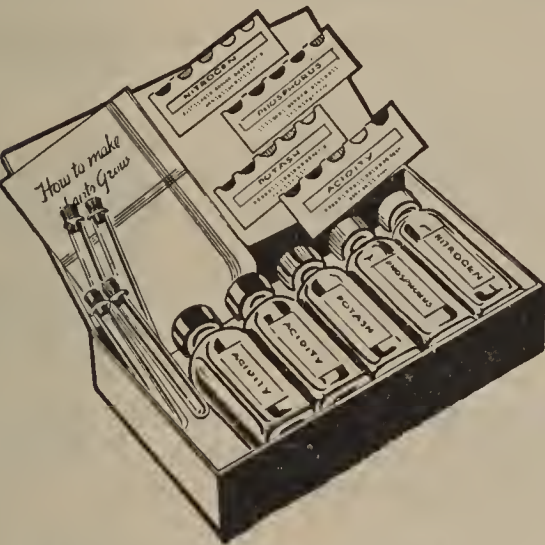
Heavy Tonkin Canes—1/2 inch or more thick, per 100 :

4 ft.	.....	\$3.50	5 ft.	.....	\$5.00
6 ft.	.....	6.00	7 ft.	.....	7.00

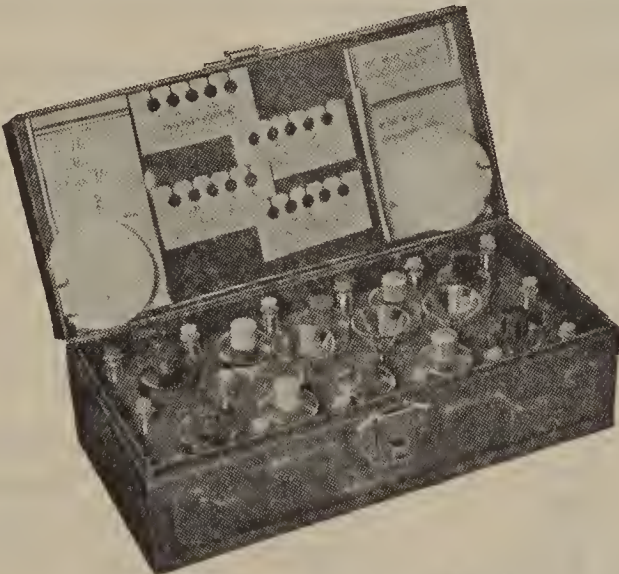
RAFFIA

For tying up plants—better than string or twine.

Natural	.....	1 lb. 40c	10 lbs. 3.25
Green dyed, per package (about 1 lb.)	.....		1.00



Home Gardener Soil Test Kit



Horticultural Soil Test Kit

SOIL TEST KITS—With this, a quick, practical test can be made showing the acidity of the soil, and also any possible deficiency in Nitrogen, Phosphorus and Potash. And if necessary, prompt use of the right kind of Fertilizer will avoid many failures in growing of plants, flowers or grasses. A complete direction is enclosed with each set. No technical skill required for using the sets.

Home Gardeners Soil Test Kit	.....	\$2.00	complete
Horticultural Soil Test Kit	.....	9.75	"
Testing Fluid for re-fills	.....	2 oz. .75—6 oz. \$1.50	

EASY WEAR GLOVES, made of soft kid, washable, long wearing. Comes in 5 sizes, ladies small, medium, men's small or ladies large, men's medium and large, per pair **75c**.

RUBBER BANDS

No. 7 and 8 for bunching Vegetables and Sweet Peas or other Flowers, **75c** per lb. Large Bands, No. 5, per lb., **30c**.

WIRED TREE LABELS

	Plain			Painted		
	100	500	1,000	100	500	1,000
Copper wired, 3½ in.....	\$0.40	\$1.50	\$2.75	\$0.50	\$1.75	\$3.25

POT LABELS

Pointed 5⁄8 in. Width

	Plain			Painted		
	100	500	1,000	100	500	1,000
4 in.	\$0.30	\$1.10	\$2.00	\$0.35	\$1.40	\$2.50
4½ in. ....	.....	.....	.....	.40	1.50	2.75
5 in. ....	.35	1.30	2.40	.45	1.65	3.00
6 in. ....	.40	1.50	2.75	.50	1.80	3.25
8 in. ....	.50	2.00	3.50	.....	.....	.....
10 in. ....	.65	2.75	5.25	.75	3.00	5.60

GARDEN LABELS

	Plain			Painted		
	100	500	1,000	100	500	1,000
8 in. x 7⁄8 in.....	\$0.65	\$2.75	\$4.75	\$0.75	\$3.00	\$5.50
10 in. x 7⁄8 in.....	.80	3.25	5.75	.90	3.75	6.75
12 in. x 1½ in.....	.....	.....	.....	1.25	5.50	10.00

AUXILIN, new chemical to greatly assist rooting of cuttings. Small bottle **50c** (enough for 600 cuttings); Large bottle **\$1.00** (enough for 1800 cuttings).

GRAFTING WAX—1 lb. package **50c**; ½ lb. **30c**; ¼ lb. **20c**.

TREE KOTE—a sticky putty like material used for dressing wounds or bark on trees. Pint **35c**; Quart **60c**.

HOT-CAPS—waxed paper cones to be set over early plants in the open to keep the late frost away. Per 1,000, **\$9.75**; 250 with setter and tamper, **\$3.65**; 100 also with setter and tamper, **\$2.40**. Steel setter and tamper, **\$1.50**.

HI-CAPS—Frost-protector, 12 inches tall, specially for Tomato plants and Sweet Corn. 1,000, **\$10.50**. Aluminum Setter, **\$1.50**. Package of 20, **50c**; package of 50, **\$1.00**; package of 250, **\$3.75**.

DENNIS PLANT STAKES—Square Pine stakes, green, for tying up flowers and Tomato plants. Sold with a length of Reed included with each stake. 4 foot, per dozen, **95c**; 5 foot, per dozen, **\$1.20**; 6 foot, per dozen, **\$1.45**.

FERTILIZER SPREADERS—for applying fine fertilizers, such as Vigoro, to laws and for seeding Grass seed. The larger models can be set for different amounts of seed or fertilizer.

Model B, 14 inches wide.....	\$ 2.90
Junior Model, 16 inches wide.....	6.30
Standard, 24 inches wide.....	11.35
Small Easy Spreader.....	.80

F. O. B. Minneapolis





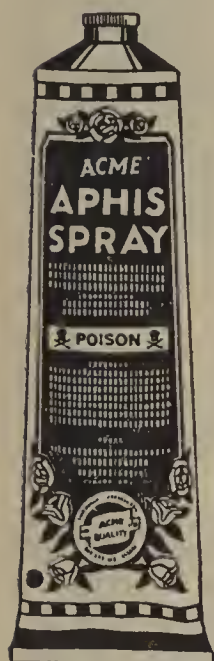
Insecticides and Fungicides

Allround Spray (Acme)—Contains Bordeaux and Arsenate of Lead mixed and a bottle of Nicotine. $\frac{1}{4}$ lb. can **20c**.

Ant Kill (Acme)—Kills ants in their nests, destroying whole colonies. Sold either the Syrup alone or together with the Safety Cups. Junior Sets has one 2 oz. bottle of syrup and 2 cups. Cottage Sets has one 3 oz. bottle of syrup and 5 cups.

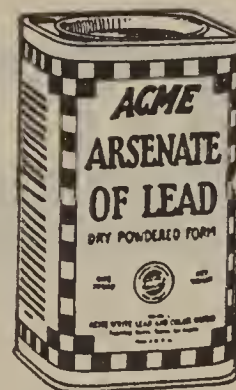


Junior Sets	\$0.35	2 oz. Bottle Syrup.....	\$0.20
Cottage Sets .....	.60	3 oz. Bottle Syrup.....	.25
Service Cups, each.....	.10		



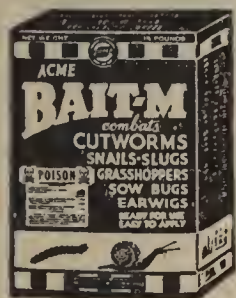
Aphis Spray (Acme)—All around contact insecticide for control of Aphis, Thrip, Leaf Hopper and many other sucking insects. The 3 oz. tube contains 1 oz. Nicotine (Black Leaf 40) and 2 oz. Fish Oil Soap. Ready for use, just add water. 3 oz. tube **35c**; 12 oz. can **95c**; $2\frac{1}{2}$ lb. can, **\$2.25**.

Arsenate of Lead (Acme)—Very fluffy and bulky. A favorite spray for control of most chewing insects and worms. Does not harm foliage and sticks well. $\frac{1}{2}$ lb. can, **20c**; 1 lb. can, **35c**; 4 lb. bag, **80c**; 24 lb. bag, **\$4.75**.



Atlacide—Weed eradicator for tennis courts and driveways. 5 lbs., **85c**; 10 lbs., **\$1.50**; 50 lbs., **\$6.75**; 100 lbs., **\$12.00**.

Bait-M (Acme)—New improved formula. Insecticide bait for cutworms, sow-bugs, grasshoppers and other leaf-eating insects. Scatter around the plant to be protected. $1\frac{1}{2}$ lb. carton, **35c**; 4 lb. carton, **85c**.

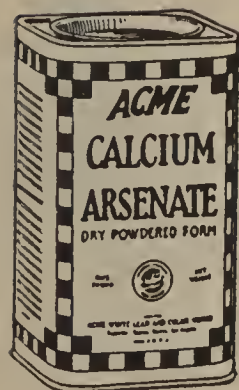


Black Leaf 40—A 40% Nicotine Sulphate for spraying against almost all kinds of insects and for painting chicken roosts for lice on poultry. 1 oz., **35c**; 5 oz., **\$1.00**; 1 lb., **\$2.25**; 2 lbs., **\$3.25**; 5 lbs., **\$5.85**; 10 lbs., **\$10.60**.

Bonide Cro Tox, a liquid to mix with seeds to keep Crows, Birds and Rodents away from seeds in the ground. $\frac{1}{2}$ pt. (enough for one bushel of seed), **60c**; pt. **\$1.00**.

Bordeaux Mixture (Acme)—For preventing blight and a general fungicide.
Use Kopper King

Calcium Arsenate (Acme)—Inexpensive for use on hardy foliage. Does not stick as well as Arsenate of Lead, but it is stronger and cheaper. 1 lb., **25c**; 4 lbs., **45c**; 100 lbs., **\$10.00**.



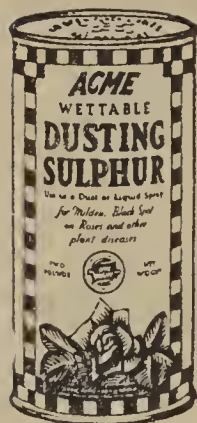
Ceresan—New improved. Dust disinfectant for Wheat, Oats and Barley. 1 lb. can treats about 30 bushel. 1 lb., **70c**; 5 lbs., **\$3.00**.

Cyanogas—A dust for quick fumigating for outside use. $\frac{1}{2}$ lb., **45c**; 1 lb., **75c**.
G Dust for Greenhouse Fumigating. 5 lbs., **\$3.00**; 25 lbs., **\$10.00**.



Dawg-gone (Acme)—Keep dogs away. To use, hang the tubes on a branch or post and unscrew the cap. The odor will then slowly escape and keep the dogs away. Per tube, **25c**.

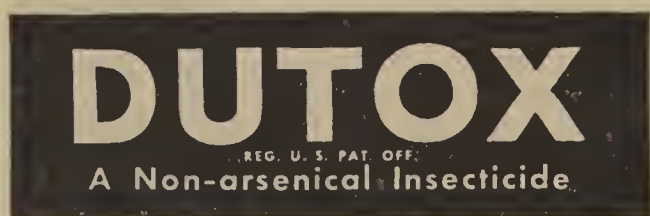
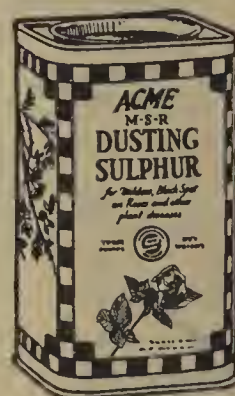
Doggs-Off—A liquid spray for keeping dogs away from evergreens, steps and other places. 3 oz. bottle, **60c**.



Derrax—Non-poisonous powder for killing ants, roaches and other insects in the house. **35c** per can.

Dusting Sulphur (Acme)—For controlling Mildew, Rust and Leaf Spots on Roses and other Flowers, 3 lb. can, **35c**.

Dusting Sulphur (Wettable)—Can be used either dry or mixed with water for spraying, 2 lb. can, **25c**.



Dutox—A non-arsenical insecticide, contains neither lead nor arsenic. Can be used on Cabbage, Corn, Cucumbers and other plants. 1 lb., **30c**; 6 lbs., **\$1.20**.

Evergreen—New Formula. Non-poisonous insecticide for general use. Contains spreader, so it only needs to be diluted with water. 1 oz., **35c**; 6 oz., **\$1.00**; 16 oz., **\$2.00**.

Emo (Acme)—Summer Oil Spray, safe to use and very effective for Rust Mites, Red Spiders and other sucking insects on trees and flower-plants. 8 oz. can, **30c**; Pint, **50c**; Quart, **70c**; Gallon, **\$1.95**; 5 Gallons, **\$5.00**.



Emo Nik (Acme)—Oil Spray for summer use, containing Nicotine and is recommended for Aphis, Thrip, Scale and many other insects. $4\frac{1}{2}$ oz. can, **35c**; Pint, **65c**; Quart, **95c**; Gallon, **\$2.50**.

Formaldehyde Dust (Ansul Dust)—For Fungus treatment for soils and a preventative against "damping-off." 1 lb., **75c**; 5 lbs., **\$2.00**; 25 lbs., **\$5.50**.



Formaldehyde Liquid—Pint, **50c**; Quart, **85c**.

Fume-Tobac—An inexpensive, effective Greenhouse Fumigant. 25 lbs., **\$5.00**; 50 lbs., **\$8.50**; 100 lbs., **\$16.00**. F.O.B. Minneapolis.

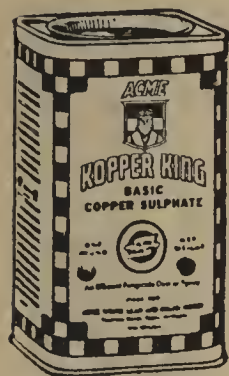
Fungine—A remedy for Rust, Mildew and other Fungi. Quart, **\$1.10**.

Garden Guard (Acme Old Formula)—All around Dust Insecticide for Garden and Field. 1 lb. can, **25c**; 5 lb. bag, **65c**; 50 lbs., **\$5.00**.

Garden Flit—For use on Flowers and Vegetables. Dust is ejected directly from container. **45c** each.

Gopher Poison (Woodlark)—Poisoned grains for baiting moles, mice and like animals. 1 lb. can, **50c**.





Kopper King (Acme)—A basic Copper Sulphate, neutral and insoluble, requiring no lime to keep it from burning. Contains 52% copper. Can be used as a liquid or combined with a carrier to make a home made Dust. 1 lb., **35c**; 4 lb. bag, **90c**; 25 lbs., **\$5.25**; 100 lbs., **\$20.00**.

Lime Sulphur, Dry (Acme)—For dormant spray on Trees and Shrubs for Scale insects. 1 lb. can, **35c**; 5 lb. can, **\$1.45**; 12½ lb. bag, **\$2.00**; 100 lbs., **\$12.50**.

London Purple (Acme)—Quick acting arsenical poison for Potato bugs and other insects on hardy foliage. Sticks well. ¼ lb. can, **14c**; 1 lb. can, **30c**; 4 lb. bag, **45c**.



Loro—Non-poisonous Spray for Garden or Greenhouse. Pint **\$2.00**; Gallon **\$9.75**.

Multicide, Pyrethrum Spray or Improved Evergreen for commercial users. Qt. **\$2.50**; gal., **\$9.50**; 5 gals., **\$42.50**.



Naphthaline Flakes—A Thrip preventative. Scatter a generous amount among the Gladioli bulbs when in storage to keep thrip away. **20c** per lb.

Naptoside—Soil disinfectant for Greenhouse and Hot-beds. 1 lb., **35c**; 5 lbs., **\$1.25**.

Nico-Fume Liquid—For Spraying or Fumigating Greenhouses. 1 lb. can, **\$2.25**; 4 lb. can, **\$5.75**; 8 lb. can, **\$10.00**.

Nico-Fume Powder—For Greenhouse Fumigating. Comes in the new pressure can, ready to light. ½ lb can, **45c**; per dozen, **\$4.20**; 1 lb. can, **75c**; per dozen, **\$7.00**.

Nicotine Poultry Delouser (Acme)—Has a patented stabilizer making it fume longer and spread farther in the Poultry Houses, Can also be used as an insect spray. 2 oz. tube **35c**; 5 oz. can, **85c**; Pint, **\$2.00**; Quart, **\$3.00**; Gallon, **\$8.50**.

Paris Green (Acme)—Most powerful and quickest acting poison for Potato bugs and other large leaf eating insects. ¼ lb., **18c**; 1 lb., **50c**; 5 lbs., **\$2.25**; 14 lbs., **\$5.00**; 100 lbs., **\$31.00**.

Pyrethrum Powder—Non-poisonous insecticide recommended for Mushroom beds, and as an ordinary insect powder. Per lb., **45c**.



Red River Potato Mix (Acme)—Special formula for Potatoes only. Kills potato bugs quickly; prevents blight from gaining a foothold and stimulates foliage. Use as a dust or spray. 1 lb., **30c**; 4 lbs., **80c**.



Rotenone Garden Guard (Acme)—Non-poisonous insecticide for Garden and Field. The Rotenone in the 1 lb. cans is of 1% strength—in the larger containers $\frac{3}{4}$ of 1%. 1 lb., **35c**; 4 lb. bag, **75c**; 25 lbs., **\$4.25**.



Selocide—The recognized remedy for Red Spider, Quart, **\$1.10**; Gallon, **\$3.00**.

Semesan—A Seed disinfectant for Vegetables and other Seeds. Also can be used dissolved in water for damping-off of small seedlings, and as a cleanser of soil for seedflats. Also used for control of brown patches in lawns. 2 oz. can, **35c**; 1 lb. can, **\$2.25**; 5 lbs., **\$9.90**.

Semesan Bel—For dipping Potatoes and Bulbs before planting. 1 lb. treats about 60 bushels. 4 oz. can, **45c**; 1 lb. can, **\$1.50**; 5 lbs., **\$6.75**.

Semesan Jr.—A Dust treatment for Seed Corn. 2 oz. treats a bushel of corn. 4 oz. can, **30c**; 1 lb. can, **75c**; 5 lbs., **\$3.25**.

Soap Spreader—Liquid—For mixing with other insecticides as a spreader. Gallon, **\$1.25**.



Spray Soap (Acme)—Fish Oil Soap which can be used as an insecticide or for mixing with other insecticides as a spreader. 1 lb., **30c**; 5 lbs., **\$1.25**.

Sulphur Powder—Sulphur Dust either for dusting or evaporating on steam pipes in greenhouses. 5 lbs., **50c**; 10 lbs., **80c**; 25 lbs., **\$1.75**; 100 lbs., **\$4.50**.

S. S. 3 Spreader—Combined spreading and sticking agent designed especially for use with agricultural sprays. Gallon **\$4.00**.

Tobacco Dust (Ordinary)—For dusting on plants or mixing in soil as an insect preventative. 5 lbs., **40c**; 10 lbs., **65c**; 25 lbs., **\$1.25**; 100 lbs., **\$4.50**.

Tobacco Dust—Gold Leaf—A finely pulverized dust for either plant dusting or for use in poultry houses. 2 lbs., **25c**; 10 lbs., **90c**; 100 lbs., **\$6.50**.

Terro—A very sure Ant destroyer, for garden or dwelling. Small bottle **25c**; 2 oz. bottle, **50c**.



Tree Tanglefoot—A sticky material for tree banding. Stops insects and worms from crawling up the tree trunks. Small can, **35c**; 1 lb. can, **70c**; 5 lb. can, **\$3.30**; 10 lb. can, **\$6.50**; 25 lbs., **\$14.00**.

Two Way Spray (Acme)—Contains 14% Arsenate of Lead and 83% Bordeaux Mixture, making it a combined Insecticide and Fungicide. Can be used wet or dry. $\frac{1}{2}$ lb., **15c**; 1 lb., **25c**.

GARDEX "Soil-Flow" GARDEN TOOLS



GARDEX Pull Hoe

With an easy pull, the sharp V-Shaped Blade bites into the ground.

As you walk along, the soil flows over and through the side guards which also protect plants when doing quick, close work. Thus it weeds and cultivates in one operation, leaving soil finely mulched just where you

want it, without exposing moist soil to sun. No weeds can escape and it gets most of them out by the roots. Handle fits socket perfectly—a firm tamp and it's in to stay—no bolts, screws or wedges to bother with. Made of Special High Carbon Steel for lasting service. Polished Blade.

No. 1004. 4 in. wide, 4½ ft. handle.....Price \$0.95

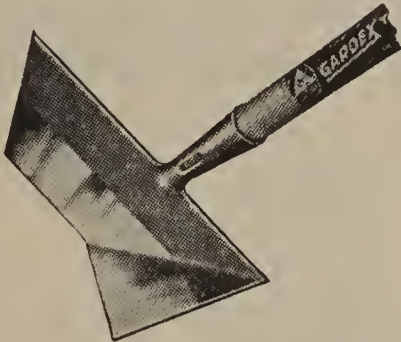
No. 1005½. 5½ in. wide, 5 ft. handle.....Price 1.10



GARDEX TURF EDGER

Now you can edge your lawns, flower beds or borders as fast as walking and do a neater job. This New Edger cuts turf vertically and horizontally in one operation working forward or backward.

By tilting to 45° angle, it cuts clean V-shape groove between sidewalk and lawn. Wing blade also used to lift sod out as it cuts. Made of special High Carbon Steel—polished blade and sharpened on all sides except top.



No. 400—4½ ft. handle. **\$1.15**
Price

GARDEX HAND PLOW

For hilling corn, potatoes, plants, etc. Covering furrows and making irrigation ditches around gardens. With an easy pull it digs in and works well in light or heavy soil.

Made of High Carbon Steel, polished mold boards.

No. 2006—6" wide,
5 ft. handle.

Price
\$1.60



GARDEX JR. WEEDER

Gets Between Plants 1 Inch Apart

Ideal for apartment dwellers—small home gardens. Handy tool for flower boxes, hot beds, flower beds, cold frames, borders, hedges, etc. Blade sharpened both sides up to handle. Weeds and tills soil either forward or backward, on straight edge or on angular edge.



No. 700—4" wide, 7" handle. Price only.. **25c**

GARDEX CULTIVATOR

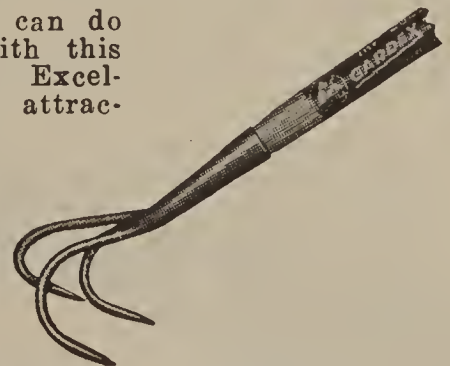
3 Prong

For large or small gardens, this easy to operate tool is unsurpassed. The position and construction of the High Carbon Steel Tines cause them to penetrate any soil with ease as they loosen and cultivate the ground thoroughly.

Even a child can do perfect work with this New Cultivator. Excellent quality and attractive low price.

No. 150-3—
4½ ft. handle.

Complete price **75c**



3 PRONG MIDGET CULTIVATOR

Excellent tool for loosening and airing soil in small flower beds, florists' frames, hotbeds, etc. Sturdy, light and well balanced. Sharp pointed prongs easily penetrate soil.

No. 713—2¾" wide, 16" long. Price....40c

For Many other Gardex Tools ask for Illustrated Circular

HUDSON PERFECTION SPRAYER



The Perfection sprayer was designed to give the purchaser the greatest possible value for his money. The same features that have always made the Perfection an outstanding value have been retained though many new improvements have been made. This pattern is now equipped with the new Open Top for filling and cleaning.

Tank 7½x21 inches. 4 gallon capacity. Seams riveted with brass rivets and heavily soldered. Made of first quality galvanized or copper sheets. Pump of seamless brass tubing, 1¼x15½ inches. Malleable "D" pump handle. Fitted with 27 inches of discharge hose, 24 inch brass extension rod. Weight about 12 pounds. Adjustable nozzle.

No.	
210.	Perfection. Galv. Tank.....\$6.50
210B.	Perfection. Copper Tank.....10.50
135G.	Climax. Galv. Tank, 3¾ gal.. 4.50
135B.	Climax. Copper Tank, 3¾ gal. 7.65
140GF.	Junior. Galv. Tank, 2½ gal....4.50
140BF.	Junior. Copper Tank, 2½ gal.. 7.35
120GF.	Thrifty. Galv. Tank, 2 gal.... 3.25

HUDSON MISTY SPRAYER



A popular pattern for back-yard garden, poultry house and similar use. Point of pump passes through top of tank and is securely soldered, making a very sturdy construction. Pump is heavy tin, 1½ in. diameter, 14 in. long. Tank is heavy tin, lock seamed and thoroughly leak-proof.

No.	
452.	Misty. 1 quart \$0.40
452G.	Misty. Galvanized Tank, 1 qt.. .50
403.	Fog. 1 quart..... .50
440.	Handy. 1 quart ..... .35
303.	Fog. 1 pint ..... .35
202.	Midget. ¾ pint..... .30
222.	Vapor. ¾ pint..... .25

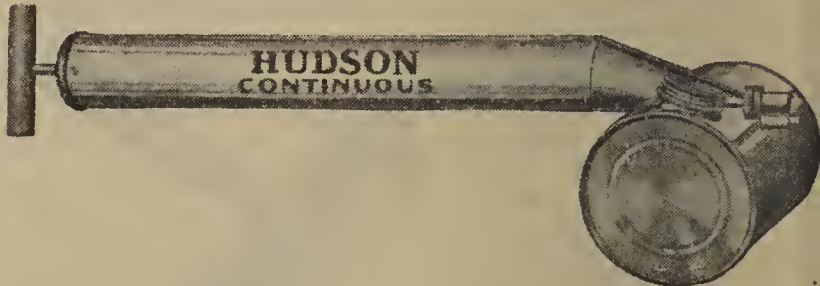
HUDSON DU-MORE SPRAYER



A continuous high pressure sprayer for truck or field crops, vineyards, ornamental shrubs, flower gardens, sprinkling lawns, etc. Handles all agricultural insecticides, fungicides, etc. Tank made of prime galvanized or copper sheets. Capacity four gallons. Pump is diaphragm type, operated with remarkable ease because of long conveniently placed pump handle. Diaphragm rubber specially compounded to resist action of spray materials. Fitted with 3 ft. of discharge hose, 2 ft. iron extension rod, automatic shut-off valve and brass disc type adjustable nozzle. Weight about 19 lbs.

No.	
247G.	Du-More. Galvanized Tank...\$15.00
247B.	Du-More. Copper Tank 21.25

HUDSON CONTINUOUS SPRAYER



For use with fly oils, insecticides, disinfectant and all other solutions that are sediment free. Pump, 1½ in. diameter, 14 in. long. Fitted with brass syphon tube and nozzle to prevent corrosion. Adjustable for any type of spray from fog to solid stream. Absolutely will not spit.

No.	
432.	Tin Container, 1 quart..... \$0.75

GLASS JAR SPRAYER NO. G3½



An outstanding pattern for household use. Detachable glass container safely handles solutions which destroy metals. Pump, 1¼ in. diameter, 8 in. long, curved syphon tube. Glass container shows nature and amount of contents. Can be capped and set away with liquid if desired.

No.	
G3½.	Glass Jar Sprayer, 4 ounce.... \$0.20

HUDSON, "SUNSHINE"



A high pressure outfit, sturdily constructed, yet light in weight and easily handled.

Has ample capacity for any job. Handles all insecticides, fungicides, disinfectants, stock dips, etc.

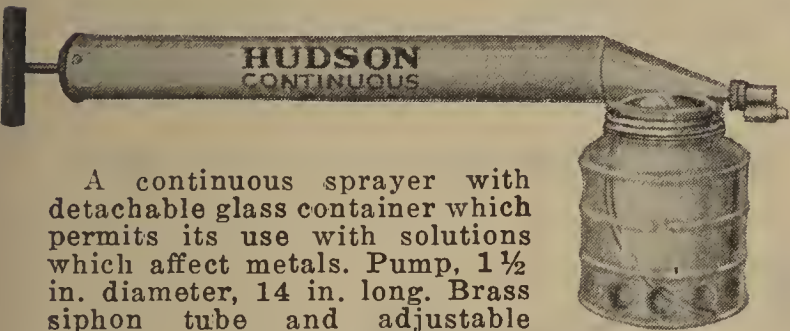
Heavy gauge galvanized steel tank with reinforced top edge. Pump develops 150 pounds nozzle pressure and is fitted with non-clogging tubular brass intake strainer with dasher type agitator.

Truck is made of heavy channel steel. Tie rods on either side of tank give very rigid construction. Fitted with 16 in. steel wheel with 2 in. tire.

No. 36-S—Cap, 12½ gals.; complete with 5 ft. ¾ in. spray hose with 2 ft. iron pipe extension, angle spray nozzle and Perfection shut-off, each.....\$12.75

No. 37-S with air pressure tank.....\$20.25

HUDSON CRITIC SPRAYER
(Continuous)



A continuous sprayer with detachable glass container which permits its use with solutions which affect metals. Pump, 1½ in. diameter, 14 in. long. Brass siphon tube and adjustable double nozzle prevent corrosion; also adapt it for spray or solid stream. Jar has wide mouth for easy filling, emptying or cleaning.

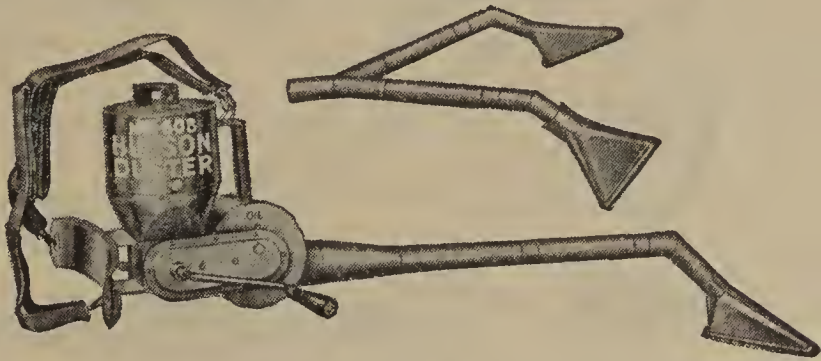
No. 427G. Critic. One quart.....\$1.00

HUDSON PATROL DUSTER



No. 612 Patrol. \$1.00. Only those who have never tried the new HUDSON Patrol Duster fail to realize that it does all the things a duster should do. 1¾"x15" pump. 24 ounce glass reservoir. Any standard jar interchanges. Two 12" extension tubes and two nozzles for all classes of work. To try it is to like it.

HUDSON, "ROTO-POWER"
(No. 608)

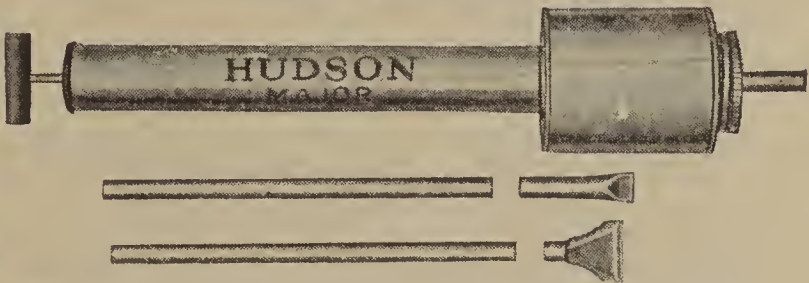


Completely new in design and construction, and an outstanding machine in actual performance. Twin agitators—one oscillating, one rotary—insure uniform feed of powder. Specially designed fan develops unusually powerful air blast. Feed regulator easily and quickly adjusted for any desired volume. Powder feeds into moving air stream and through fan. No powder is fed when fan is not turning or when air is not in motion. Consequently no chance to clog.

Made of heavy lead coated sheet steel. Sturdy enough for severe service. Gears are steel, machine cut, completely enclosed in steel housing. Run in oil bath. Discharge equipment includes two nozzles, two elbows and wye connection and four 15-inch tubes.

No. 608\$12.50

HUDSON, "MAJOR"

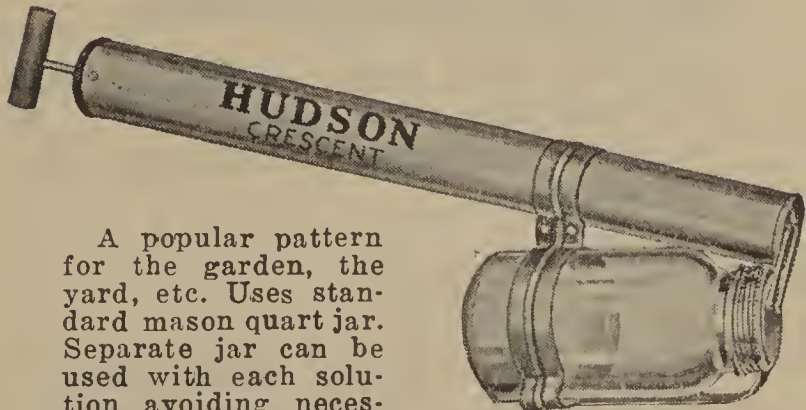


A thoroughly tested and highly satisfactory pattern for general farm and garden work. Develops a very powerful blast of air sufficient to handle any dry powder insecticide perfectly. Volume of discharge is completely controlled.

Pump is heavy tin. Air valve prevents powder from being drawn back into pump chamber. Large filler cap and discharge tube with break-up screen.

No. 655—1¾x13 in. pump; 4x4½ in. reservoir\$0.80

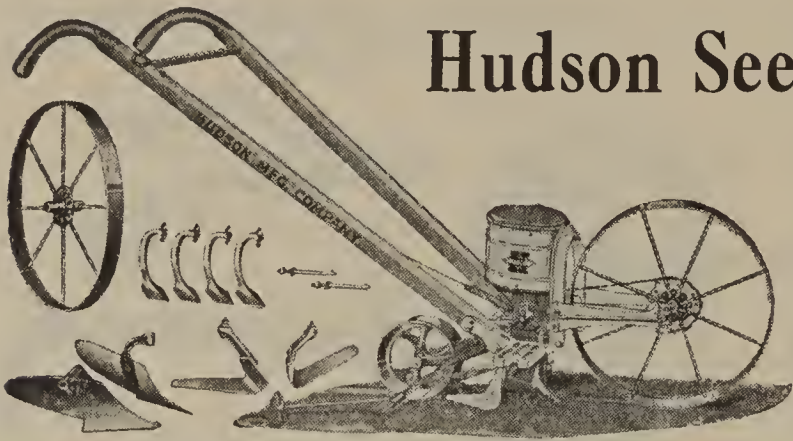
HUDSON CRESCENT SPRAYER



A popular pattern for the garden, the yard, etc. Uses standard mason quart jar. Separate jar can be used with each solution avoiding necessity of emptying or cleaning. Pump is heavy tin, 1½x15 in. Long beaded metal ring holds jar securely in place.

No. 430. Crescent. 1 quart, each.....\$0.65

Hudson Seeders and Cultivators



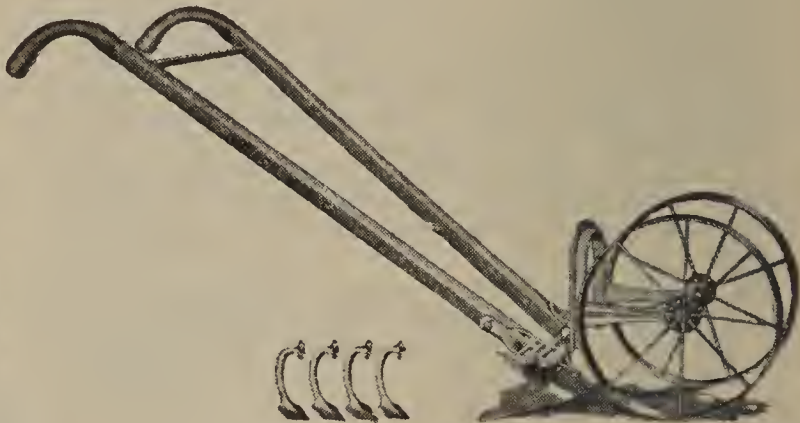
May be used as a hill seeder, drill seeder; a double wheel cultivator, plow or hoe; or a single wheel cultivator, plow or hoe.

- No. 201. Hill & Drill Seeder, as shown.....\$17.25
- No. 203. Hill & Drill Seeder, less extra wheel..... 16.25
- No. 205. Hill & Drill Seeder, less attachments.....: 13.85



A sturdy single wheel tool for cultivating the area between two adjoining rows, or offset so that tool may be used to cultivate both sides of a single row.

- No. 228. Cultivator, each \$6.50
- No. 229. Cultivator, less plows..... 5.65



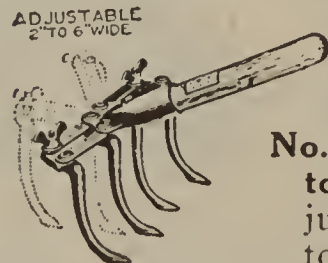
May be used as a double wheelhoe, plow or cultivator astride the row during early cultivation and as a single wheel cultivator between the rows later on.

- No. 213. Cultivator, as shown, ea. \$8.35



- No. PE 16 in. Rake, each.....\$0.75
- No. PE 20 in. Rake, each..... .85

All-purpose Rake. Self cleaning. Ideal for lawns.



- No. 14. Hand Cultiva-
tor, 4 ft. handles. Ad-
justable width from 2
to 6 inches, each....75c



- No. 246. High Wheel Plow, each \$3.60
Adjustable frame, 24 in. wheel

[illegible]

1938 SEED CATALOG



DANISH SEED COMPANY

CHRIS MOSBERG

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MINNEAPOLIS, MINN.

Phone Geneva 3401